

# Service Bulletin Index

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Aviation Products  
L3 Technologies  
5353 52nd St. SE  
Grand Rapids, MI 49512

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Model Number	Publication Number	Revision Level	Revision Date	Manual Description	Product Description	Part Number
FA5000	FA5000 SB004		3/16/2015	Introduction of 90 Day ULB		
Iridium AFIRS 228S SDU	Iridium SB001	00	7/11/2016	Software Revision 17		228E5733-00
AFIRS 228S Iridium SDU Satellite Data Unit	Iridium SB002	07	5/11/2018			228E5733-00
WX-500	SB-100	Orig	7/22/2002	A production change to eliminate the need for an external isolation diode. The diode eliminates a feedback path that could prevent an "other " device from detecting a heading flag (refer to Service Memo 115, Reference 3).		805-11500-001
WX-500	SB-100 Appendix A	Orig	7/22/2002	A production change to eliminate the need for an external isolation diode. The diode eliminates a feedback path that could prevent an "other " device from detecting a heading flag (refer to Service Memo 115, Reference 3).		805-11500-001
WX-1000 WX-1000+ WX-1000E WX-1000E 429EFIS WX-1000E 429NAVAID	SB-101		7/22/2002	A production change to eliminate the need for an external isolation diode. The diode eliminates a feedback path that could prevent an "other " device from detecting a heading flag (refer to Service Memo 115, Reference 3).		78-8051-9160-4 78-8060-5790-3 78-8060-5941-2 78-8060-6086-5 78-8060-6092-3
WX-1000 WX-1000+ WX-1000E WX-1000E 429EFIS WX-1000E 429NAVAID	SB-101 Appendix A	Orig	7/22/2002	A production change to eliminate the need for an external isolation diode. The diode eliminates a feedback path that could prevent an "other " device from detecting a heading flag (refer to Service Memo 115, Reference 3).		78-8051-9160-4 78-8060-5790-3 78-8060-5941-2 78-8060-6086-5 78-8060-6092-3
WX-950	SB-104	Oirg	9/20/2002	A production change to eliminate the need for an external isolation diode. The diode eliminates a feedback path that could prevent an "other " device from detecting a heading flag (refer to Service Memo 115, Reference 3).		805-10950-( )
WX-950	SB-104 Appendix A	Orig	8/20/2005	A production change to eliminate the need for an external isolation diode. The diode eliminates a feedback path that could prevent an "other " device from detecting a heading flag (refer to Service Memo 115, Reference 3).		805-10950-( )
TRC691	SB-105	Orig	9/3/2002	The radar database has been updated (version RD01M21A) with information developed from radar data collection flights by Goodrich Avionics Systems.		805-10012-003 805-10012-013

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Model Number	Publication Number	Revision Level	Revision Date	Manual Description	Product Description	Part Number
RT-1634(V)	SB-106	Orig	10/24/2002	Correct the "Hold Mode" status of the ARINC-429 echo label.		805D0602-43
TAWS8000	SB-108	Orig	2/12/2003	A production change to add patent numbers to the serial number and ID tag.		805-18000-001
TRC691	SB-109	Orig	2/13/2003	The radar database has been updated with FAA published data for 2002 and with information developed from radar data collection flights by Goodrich Avionics Systems.		805-10012-003 805-10012-013
TRC691	SB-110	Orig	2/13/2003	The radar database has been updated with FAA published data for 2002 and with information developed from radar data collection flights by Goodrich Avionics Systems. The database includes data for low PRF radars.		805-10012-003 805-10012-013
TAWS8000	SB-111	Orig	3/20/2003	Correct a problem that may cause a unit to fail factory testing.		805-18000-001
TAWS8000	SB-112	Orig	3/14/2003	Maintenance upgrade. [software version 1.9 upgrade].		805-18000-001
WX-1000E	SB-114	Orig	5/28/2003	Currently there is no method to identify which NAVAID interface (RS-232 or RS-422) an individual processor is set for. The modification status indicator will be marked to identify the setting of the interface.		78-8060-5941-2
WX-1000E	SB-115	B	8/19/2005	Currently there is no method to identify the ARINC 429 bus speed an individual processor is set for. The modification status indicator will be marked to identify the setting of the bus speed.		78-8060-6086-5
RT-1634(V)	SB-118	Orig	5/20/2003	This upgrade adds Tracking Channel C (input and output) to ARINC 429 Bus #1. This upgrade will be identified as software version 2.6 on the serial number ID tag.		805D0602-43
WX-500	SB-119	Orig	6/24/2003	A production change to improve the electrical bond between the WX-500 and airframe ground.		805-11500-001
WX-500	SB-120	Orig	8/13/2003	To reduce susceptibility to an over voltage condition or transient spikes on the power input.		805-11500-001
RT-1634(V)	SB-122	Orig	8/18/2003	Software version 2.1 followed by an additional upgrade to version 2.2 has been released.		805D0602-45
	SB-123	1	9/8/2003	Inform customers of 5.1 software upgrade.		9200-19000-( ) 9200-19050-( )
RT-1634(V)	SB-126	Orig	11/12/2003	Software version 2.3 has been released. Upgrade synchronizes the regenerated audio ident output from the RT-1634 with the ident transmission from ground stations.		805D0602-45
RGC350	SB-128	Orig	1/22/2004	Software upgrade to the RGC350 firmware. Corrects possible RGC350 failure when connected to an L-3 TAWS8000 and a Honeywell Primus Weather Radar Indicator.		805-12400-( )
WX-500	SB-129	Orig	3/4/2004	A product change to improve reliability of the Analog PCB assembly.		805-11500-001
RT-1634(V)	SB-131	C	6/15/2006	Mod adds a low pass filter to the synthesizer PCB Assembly. (Mod will improve the condition of the VCO input signal).		805D0602( )
13-1011 FC-110	SB13-1011 -1	Orig	11/1/1967	To modify Rate Gyro Mounting Bracket phase shift network to replace under rated capacitor.		

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WX-1000/SKY 497	SB-132	Orig	6/17/2004	A production change to eliminate the possibility of connector P101 bracket shorting to softkey 2 trace on the Display PCB Assembly.		78-8060-5900-x
TAWS8000	SB-133	Orig	8/16/2004	Release of Software version 1.11. Corrects service menu data monitor for the ARINC 429 receivers and descretes. Corrects the intermittent lighting of the "terrain not available" lamp and occurrence of error 17.		805-18000-001
SC-400	SB201-1001-1	Orig	3/1/1970	To provide for the selection of the parallel tuned circuit for proper voltage regulation and insure proper short circuit protection.		
SC-400	SB201-1001-2	A	11/1/1978	To provide for proper transistor life.		
RNAV612	SB-23	Orig	4/1/1981	Prevent momentary RNAV annunciate output during turn-on		805D0450
RNAV612	SB-24	Orig	4/1/1981	RNAV612 Microprocessor Program Corrections and Improvements.		805D0450
RNAV612	SB-25	Orig	4/1/1981	Momentary VOR Diagnostic for RNAV612		805D0450
51DSA 51DSA/C328 RNAV511	SB-26	Orig	4/1/1981	Com Transmitter RF Interference in 51DSA and 51DSA/C328		805D0250
RNAV612	SB-27	Orig	5/1/1981	Momentary RNAV annunciate output during turn-on/turn-off and DME Hold diagnostic in VOR/LOC operation.		805D0450
612RIU RNAV612	SB-28	Orig	4/1/1981	Waypoint Alert output during VOR/LOC operation.		805D0450 805D0480
612RIA RNAV612 VNAV541 VNAV541A	SB-29	Orig	5/1/1981	RNAV612 and 612RIU distance computation error when VNAV541 or VNAV541A has no A+ applied.		805D0400
RNAV612	SB-31	Orig	1/1/1982	Slow groundspeed response; Autopilot S-turning; false ground on annunciate output lines; loss of present position readout in range monitor mode		805D0450
RNAV612	SB-34	Orig	10/1/1982	Prevent random "auto shutdown" of RNAV612 microprocessor.		805D0450
RNAV612	SB-35	Orig	11/1/1982	Reduces VOR smoothing time constant in approach mode.		805D0450
51ASA-1 RNAV511	SB-36	A	1/1/1983	Increase input level range of 51ASA-1 9960Hz input signal.		805D0254
51ASA RNAV511	SB-37	A	1/1/1983	Increases input signal range of 51ASA 9960Hz input signal.		805D0251
LNS616 RNC601	SB-38	Orig	11/1/1983	Provide DC Sine/Cosine RMI Drive provided at RNC601 J1.		805D0550
LNS616 RNC601	SB-39	Orig	11/1/1983	Corrects missing foil run on PC Board and decreases low level flag to 0.7vdc.		805D0550

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Model Number	Publication Number	Revision Level	Revision Date	Manual Description	Product Description	Part Number
3S2060DC126B1	SB3S2060DC126B1-SB01	Orig	5/3/1990	Provides the procedures for modifying the speed sensing circuit to operate correctly with the replacement components.		3S2060DC126B1
3S2060DC126B1	SB3S2060DC126B1-SB02B	Orig	8/1/1990	This document provides additional information for Service Bulletin 3S2060DC126B1-SB01.		3S2060DC126B1
3S2060DC126B1	SB3S2060DC126B1-SB03	Orig	8/1/1990	This document provides additional information for Service Bulletin 3S2060DC126B1-SB01.		3S2060DC126B1
3S2060DC126B1	SB3S2060DC126B1-SB04	Orig	5/17/1991	Provides additional circuit modifications which are required to reduce nuisance tripping of replacement parts for SCS 5 and SCS 6. The modification reduces the noise and temperature sensitivity of the circuit.		3S2060DC126B1
3S2060DC135A1	SB3S2060DC135A1-24-17	Orig	2/15/1968	First modification to replace CR3 and F1 and stamping an "M" after the serial number. Second modification to replace CR14, 15 and 16, changing wires 15-1 and 41 from #22 AWG to #18 AWG and changing "M" to "M1".		3S2060DC135A1
3S2060DC137A1	SB3S2060DC137A1-24-18	Orig	9/1/1968	Modification to circuitry.		3S2060DC137A1
3S2060DC164B1B 3S2060DC164B1B2	SB3S2060DC164B1B, B2-24-01	Orig	6/16/1977	Provides availability for a B2-24-01 adjustable resistor and diagnostic and troubleshooting procedures.		3S2060DC164B1B 3S2060DC164B1B2
3S2060DC168A1	SB3S2060DC168A1-24-01	Orig	12/20/1976	This service bulletin provides instructions for locating and identifying capacitors suspected of leakage.		3S2060DC168A1
3S2060DC168A1	SB3S2060DC168A1-24-02	Orig	6/16/1977	Issued as a product improvement notification to advise operators of the availability of an adjustable resistor having improved service life and reliability. This bulletin also provides diagnostic and troubleshooting procedures to aid in resolving genera		3S2060DC168A1
3S2060DC168A2 3S2060DC168A3	SB3S2060DC168A2, A3-24-01	Orig	3/1/1977	This service bulletin provides instructions for locating and identifying capacitors suspected of leakage.		3S2060DC168A2 3S2060DC168A3
3S2060DC168A2A	SB3S2060DC168A2A-24-01	Orig	4/4/1977	This service bulletin provides instructions for locating and identifying capacitors suspected of leakage.		3S2060DC168A2A
3S2060DC168A2A	SB3S2060DC168A2A-24-02	Orig	6/16/1977	Issued as a product improvement notification to advise operators of the availability of an adjustable resistor having improved service life and reliability. This bulletin also provides diagnostic and troubleshooting procedures to aid in resolving generat		3S2060DC168A2A
3S2060DC168A2A	SB3S2060DC168A2A-24-03	Orig	5/31/1990	This bulletin provides the procedures for modifying the generator control unit to improve the noise rejection characteristics of the over voltage protection circuit.		3S2060DC168A2A

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3S2060DC168B1	SB3S2060DC168B1-24-04	1	3/10/1997	This bulletin identifies a replacement A2 circuit board which isolates the over voltage protection circuit from capacitor C5 to eliminate this potential problem.		3S2060DC168B1
3S2060DC168C1B	SB3S2060DC168C1B-24-01	Orig	12/20/1976	This Service Bulletin provides instructions for locating and identifying capacitors suspected of leakage.		3S2060DC168C1B
3S2060DC168C1B	SB3S2060DC168C1B-24-02	Orig	6/16/1977	Issued as a product improvement notification to advise operators of the availability of an adjustable resistor having improved service life and reliability. This bulletin also provides diagnostic and troubleshooting procedures to aid in resolving generat		3S2060DC168C1B
3S2060DC168D1	SB3S2060DC168D1-24-01	1	3/11/1977	This Service Bulletin provides instructions for locating and identifying capacitors suspected of leakage.		3S2060DC168D1
3S2060DC168D1	SB3S2060DC168D1-24-02	1	1/15/1981	Issued as a product improvement notification to advise operators of the availability of an adjustable resistor having improved service life and reliability. This bulletin also provides diagnostic and troubleshooting procedures to aid in resolving generat		3S2060DC168D1
3S2060DC168D1	SB3S2060DC168D1-24-03	Orig	12/1/1993	This bulletin identifies a replacement A2 circuit board which isolates the over voltage protection circuit from capacitor C5 to eliminate this potential problem.		3S2060DC168D1
3S2060DC168E1	SB3S2060DC168E1-24-01	Orig	3/11/1977	This service bulletin provides instructions for locating and identifying capacitors suspected of leakage.		3S2060DC168E1
3S2060DC168E1	SB3S2060DC168E1-24-02	Orig	6/16/1977	Issued as a product improvement notification to advise operators of the availability of an adjustable resistor having improved service life and reliability. This bulletin also provides diagnostic and troubleshooting procedures to aid in resolving generat		3S2060DC168E1
3S2060DC169A1	SB3S2060DC169A1-24-01	Orig	6/16/1977	Issued as a product improvement notification to advise operators of the availability of an adjustable resistor having improved service life and reliability. This bulletin also provides diagnostic and troubleshooting procedures to aid in resolving generat		3S2060DC169A1
3S2060DM138A1	SB3S2060DM138A1	Orig	2/15/1968	The revised trip point setting will improve starting characteristics. This readjustment is being offered to insure transfer from the starter mode to the generator mode at idle speed		3S2060DM138A1
3S2060DR132A1A	SB3S2060DR132A1A-24-16		2/15/1968	To improve reliability, a transfer circuit was designed to replace the SCR's associated with the turn-off circuit.		3S2060DR132A1A
3S2060DR132C1C	SB3S2060DR132C1C-24-01	Orig	12/20/1976	This service bulletin provides instructions for locating and identifying capacitors suspected of leakage.		3S2060DR132C1C
3S2060DR149A1A	SB3S2060DR149A1A-24-01	1	5/30/1984	Issued as product improvement modification.		3S2060DR149A1A
3S2060DR149A1A	SB3S2060DR149A1A-24-01-1	Orig	5/30/1984	Revision notice to Service Bulletin SB3S2060DR149A1A-24-01.		3S2060DR149A1A
LNS616LR651	SB-40	Orig	11/1/1983	Improve transient response and ripple rejection of LR651 power supply.		805D0500

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Model Number	Publication Number	Revision Level	Revision Date	Manual Description	Product Description	Part Number
LNS616 LR651	SB-41	Orig	11/1/1983	To reduce RF emissions for the LR651 receiver.		805D0500
DI681 LNS616 RNC601	SB-44	Orig	6/1/1984	To allow the RNC601 to communicate with the DI681 DataBase.		805D0550
LNS616 RNC601 RNC601A	SB-45	Orig	9/1/1984	Improvement of Automatic Ident Decoding		805D0550
DI681 LNS616 RNC601 RNC601A	SB-46	Orit	9/1/1984	To eliminate wavering left/right needle and erratic OBS operation.		805D0550
AD611 LNS6000 LNS616 RNAV511 RNAV612	SB-47	Orig	8/1/1985	Modification to DME Range Block Adapter to permit module to operate throughout an input range.		804B0001
LNS616 LR651	SB-48	Orig	10/1/1984	To optimize LR651 performance and improve operation in areas that have weak signals with low noise.		805D0500
LNS616 RNC601	SB-49	Orig	10/1/1984	Eliminate intermittent display blanking		805D0550
DI681 LNS616A	SB-50	Orig	10/1/1984	Sperry EFIS interface modification		805D0570
AC-111	SB501-1038-1	Orig	1/15/1973	Replace diodes on interconnect PC board and removal of C5 from solid state synchronizer board.		501-1038-( )
AC-111	SB501-1038-2	Orig	1/15/1973	Replace diodes on interconnect PC board and removal of C5 from solid state synchronizer board.		501-1038-( )
AC-111	SB501-1038-3	A	8/1/1974	Modification of solid state synchronizer board.		501-1038-( )
AC-111	SB501-1038-4	D	8/5/1983	To retrofit Flight Controller for 6 degree per second Roll Rate Limiter. (Model change)		501-1038-( )
AC-111	SB501-1038-5	D	9/24/1984	Retrofit flight controller to limit pitch command capability to 20 deg/UP and 10 deg/down. (Model change)		501-1038-( ) 501-1038-01 501-1038-02
AC-111	SB501-1038-6	Orig	8/4/1983	Resistor Replacement on Command Limiter Circuit Card Assembly.		501-1038-( )
AC-111	SB501-1038-7	Orig	6/29/1984	Resistor Replacement on Command Limiter Circuit Card Assembly.		501-1038-( )
AC-111	SB501-1042-1	Orig	1/15/1973	Replace diodes on interconnect PC board and removal of C5 from solid state synchronizer board.		501-1042-( )

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Model Number	Publication Number	Revision Level	Revision Date	Manual Description	Product Description	Part Number
AC-111	SB501-104 2-2	Orig	1/15/1973	Replace diodes on interconnect PC board and removal of C5 from solid state synchronizer board.		501-104 2-( )
AC-111	SB501-104 2-3	A	8/1/1974	Modification of solid state synchronizer board.		501-104 2-( )
AC-111	SB501-104 2-4	D	8/5/1983	To retrofit Flight Controller for 6 degree per second Roll Rate Limiter. (model change)		501-104 2-( )
AC-111	SB501-104 2-5	D	9/24/1984	Retrofit flight controller to limit pitch command capability to 20 deg/UP and 10 deg/down. (Model change)		501-104 2-( )
AC-111	SB501-104 2-6	Orig	8/4/1983	Resistor Replacement on Command Limiter Circuit Card Assemblby.		501-104 2-( )
AC-111	SB501-104 2-7	Orig	6/29/1984	Resistor Replacement on Command Limiter Circuit Card Assembly.		501-104 2-( )
AC-111	SB501-104 7-1	Orig	1/15/1973	Replace diodes on interconnect PC board and removal of C5 from solid state synchronizer board.		501-104 7-( )
AC-111	SB501-104 7-2	Orig	1/15/1973	Replace diodes on interconnect PC board and removal of C5 from solid state synchronizer board.		501-104 7-( )
AC-111	SB501-104 7-3	A	8/1/1974	Modification of solid state synchronizer board.		501-104 7-( )
AC-111	SB501-104 7-4	D	8/5/2004	To retrofit Flight Controller for 6 degree per second Roll Rate Limiter. (Model change)		501-104 7-( )
AC-111	SB501-104 7-5	D	9/24/1984	Retrofit flight controller to limit pitch command capability to 20 deg/UP and 10 deg/down. (Model change)		501-104 7-( )
AC-111	SB501-104 7-6	Orig	8/4/1983	Resistor Replacement on Command Limiter Circuit Card Assembly.		501-104 7-( )
AC-111	SB501-104 7-7	Orig	5/29/1984	Resistor Replacement on Command Limiter Circuit Card Assemblby.		501-104 7-( )
AC-111	SB501-104 8-1	Orig	1/15/1973	Replace diodes on interconnect PC board and removal of C5 from solid state synchronizer board.		501-104 8-( )
AC-111E	SB501-104 8-2	Orig	1/15/1973	Replace diodes on interconnect PC board and removal of C5 from solid state synchronizer board.		501-104 8-01
AC-111E	SB501-104 8-3	A	8/1/1974	Modification of solid state synchronizer board.		501-104 8-01
AC-111AD AC-111E	SB501-104 8-4	D	8/5/1983	To retrofit Flight Controller for 6 degree per second Roll Rate Limiter. (Model Change)		501-104 8-01 501-104 8-03
AC-111	SB501-104 8-5	D	9/24/1984	Retrofit flight controller to limit pitch command capability to 20 deg/UP and 10 deg/down. (Model change)		501-104 8-( ) 501-104 8-01, -02
AC-111	SB501-104 8-6	Orig	8/4/1983	Resistor Replacement on Command Limiter Circuit Card Assemblby.		501-104 8-( )

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AC-111	SB501-1048-7	Orig	7/26/2005	Resistor Replacement on Command Limiter Circuit Card Assembly.		501-1048-( )
AC-111F	SB501-1072-1	Orig	1/15/1973	Replace diodes on interconnect PC board and removal of C5 from solid state synchronizer board.		501-1072-01
AC-111F	SB501-1072-2	Orig	1/15/1973	Replace diodes on interconnect PC board and removal of C5 from solid state synchronizer board.		501-1072-01
AC-111F	SB501-1072-3	A	8/1/1974	Modification of solid state synchronizer board.		501-1072-01
AC-111AE AC-111F	SB501-1072-4	D	8/5/1983	To retrofit Flight Controller for 6 degree per second Roll Rate Limiter. (Model change)		501-1072-01 501-1072-03
AC-111	SB501-1072-5	D	9/24/1984	Retrofit flight controller to limit pitch command capability to 20 deg/UP and 10 deg/down. (Model change)		501-1072-01 501-1072-02
AC-111	SB501-1072-6	Orig	8/4/1983	Resistor Replacement on Command Limiter Circuit Card Assembly.		501-1072-( )
AC-111	SB501-1072-7	Orig	6/29/1984	Resistor Replacement on Command Limiter Circuit Card Assembly.		501-1072-( )
AC-111G	SB501-1073-1	Orig	1/15/1973	Replace diodes on interconnect PC board and removal of C5 from solid state synchronizer board.		501-1073-01
AC-111G	SB501-1073-2	Orig	1/15/1973	Replace diodes on interconnect PC board and removal of C5 from solid state synchronizer board.		501-1073-01
AC-111G	SB501-1073-3	A	8/1/1974	Modification of solid state synchronizer board.		501-1073-01
AC-111AF AC-111G	SB501-1073-4	D	8/5/1983	To retrofit Flight Controller for 6 degree per second Roll Rate Limiter. (model change)		501-1073-01 501-1073-03
AC-111	SB501-1073-5	D	9/24/1984	Retrofit flight controller to limit pitch command capability to 20 deg/UP and 10 deg/down. (Model change)		501-1073-01 501-1073-02
AC-111	SB501-1073-6	Orig	8/4/1983	Resistor Replacement on Command Limiter Circuit Card Assembly.		501-1073-( )
AC-111	SB501-1073-7	Orig	6/29/1984	Resistor Replacement on Command Limiter Curcuit Card Assembly.		501-1073-( )
AC-111H	SB501-1074-1	Orig	1/15/1973	Replace diodes on interconnect PC board and removal of C5 from solid state synchronizer board.		501-1074-01
AC-111H	SB501-1074-2	Orig	1/15/1973	Replace diodes on interconnect PC board and removal of C5 from solid state synchronizer board.		501-1074-01



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AC-111H	SB501-1074-3	A	8/1/1974	Modification of solid state synchronizer board.		501-1074-01
AC-111AG AC-111H	SB501-1074-4	D	8/5/1983	To retrofit Flight Controller for 6 degree per second Roll Rate Limiter. (Model Change)		501-1074-01 501-1074-03
AC-111	SB501-1074-5	D	9/24/1984	Retrofit flight controller to limit pitch command capability to 20 deg/UP and 10 deg/down. (Model change)		501-1074-01 501-1074-02
AC-111	SB501-1074-6	Orig	8/4/1983	Resistor Replacement on Command Limiter Circuit Card Assemblby.		501-1074-( )
AC-111	SB501-1074-7	Orig	6/29/1984	Resistor Replacement on Command Limiter Circuit Card Assemblby.		501-1074-( )
PS-823 PS-823A PS-823A/T PS-823B PS-823B/T PS-823E PS-823E/T PS-823F PS-823F/T	SB501-1075-1	B	5/15/2002	To prevent transistor leakage during battery charging.		501-1075-01 501-1075-02 501-1075-05 501-1075-06 501-1075-10 501-1075-13 501-1075-14
PS-823A/T PS-823B/T PS-823C/T PS-823D/T PS-823E/T PS-823F/T PS-823G/T PS-823H/T	SB501-1075-10	A	5/10/2002	To correct modification identification.		501-1075-05 501-1075-06 501-1075-07 501-1075-08 501-1075-13 501-1075-14 501-1075-15 501-1075-16

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PS-823	SB501-1075-11	A	5/10/2002	Refer to SB501-1075-8		
PS-823( )	SB501-1075-12	A	5/10/2002	To prevent premature turn-off and battery damage due to overcharging.		501-1075-( )
PS-823( )	SB501-1075-13	A	5/10/2002	To relocate C18 to prevent interference with connector.		501-1075-( )
PS-823( )	SB501-1075-14	A	5/10/2002	To provide for use of battery without operating inverter.		501-1075-( )
PS-823( )	SB501-1075-15	B	5/10/2002	To permit by-pass of circuit protection fuse.		501-1075-( )
PS-823( )	SB501-1075-16	G	5/10/2002	To provide charging resistor and battery input line isolation, and prevent battery damage due to charging circuit failure.		501-1075-( )
PS-823( )	SB501-1075-17	A	7/26/2005			501-1075-( )
PS-823( )	SB501-1075-18	C	5/10/2002	To improve starting without application of AC power at low temperature extremes.		501-1075-( )
PS-823( )	SB501-1075-19	A	5/5/2002	Rescinded. Part number replacement now identified in SB501-1075-20 and manual TP-202		501-1075-( )
PS-823( )	SB501-1075-2		7/26/2005			501-1075-( )
PS-823( )	SB501-1075-20	C	6/30/2005	To disseminate information concerning replacement of parts no longer procurable.		501-1075-( )
PS-823( )	SB501-1075-21	B	5/5/2002	To provide self-locking hardware at selected locations.		501-1075-( )
PS-823A PS-823A/T PS-823B PS-823B/T PS-823E PS-823E/T PS-823F PS-823F/T	SB501-1075-22	A	5/5/2002	To insure that shifted phase voltage level is maintained after time-out.		501-1075-01 501-1075-02 501-1075-05 501-1075-06 501-1075-09 501-1075-10 501-1075-13 501-1075-14
PS-823A PS-823A/T PS-823B PS-823B/T	SB501-1075-23	E	2/28/2003	To provide emergency buss fuse bypass. FACTORY ONLY MODIFICATION		501-1075-01 501-1075-02

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PS-823C PS-823C/T PS-823D PS-823D/T						501-107 5-03 501-107 5-04 501-107 5-05 501-107 5-06 501-107 5-07 501-107 5-08
PS-823	SB501-107 5-24	A	4/30/20 02	Rescinded and superseded by SB501-1075-25.		
PS-823( )	SB501-107 5-25	A	4/30/20 02	To improve transistor turn-off time and reduce internal heat rise.		501-107 5-( )
PS-823( )	SB501-107 5-26	A	4/30/20 02	To reduce transistor heat rise and improve RFI.		501-107 5-( )
PS-823A/T PS-823B/T PS-823C/T PS-823D/T PS-823E/T PS-823F/T PS-823G/T PS-823H/T	SB501-107 5-27	A	4/30/20 02	To reduce possibility of circuit damage due to excessive testing or low voltage.		501-107 5-05 501-107 5-06 501-107 5-07 501-107 5-08 501-107 5-13 501-107 5-14 501-107 5-15 501-107 5-16
PS-823A/T PS-823B/T PS-823C/T PS-823D/T PS-823E/T PS-823F/T PS-823G/T PS-823H/T	SB501-107 5-28	A	4/30/20 02	To prevent possible electrical damage due to mishandling of cover.		501-107 5-05 501-107 5-06 501-107 5-07 501-107 5-08 501-107 5-13 501-107 5-14

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						501-1075-15 501-1075-16
PS-823( )	SB501-1075-3		7/26/2005			501-1075-( )
PS-823A PS-823B PS-823C PS-823D PS-823E PS-823F PS-823G PS-823H	SB501-1075-4	H	5/15/2002	To provide battery monitoring test capability. (Return to factory for modification.)		501-1075-01 501-1075-02 501-1075-03 501-1075-04 501-1075-09 501-1075-10 501-1075-11 501-1075-12
PS-823( )	SB501-1075-5	A	5/15/2002	To aid starting with capacitive loads.		501-1075-( )
PS-823A/T PS-823B/T PS-823C/T PS-823D/T PS-823E/T PS-823F/T PS-823G/T	SB501-1075-6	A	5/10/2002	To prevent inverter output during battery test.		501-1075-05 501-1075-06 501-1075-07 501-1075-08 501-1075-13 501-1075-14 501-1075-15 501-1075-16
PS-823	SB501-1075-7	B	5/10/2002	Superseded by SB501-1075-26		
PS-823( )	SB501-1075-8	B	5/15/2002	To relocate Q9 to increase heatsink capability.		501-1075-( )

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PS-823( )	SB501-1075-9	A	5/10/2002	To reduce heat rise to improve battery charge.		501-1075-( )
AI-904	SB501-1078-1		7/30/1973	Unknown		
AI-904	SB501-1078-2	Orig	9/1/1981	To prevent dynamic braking of indicator gyro caused by back EMF.		501-1078-( )
VG-204D	SB501-1113-1	A	4/30/2002	To reduce audible noise. (Refer to SB501-1113-11)		501-1113-01
VG-204D	SB501-1113-10	Orig	6/1/1985	To improve initial erection timing.		501-1113-01
VG-204D	SB501-1113-11	A	10/11/2005	Improve drift and vibration performance and eliminate potential of spring on pitch axis from rubbing on shield of bearing.		501-1113-01
VG-204D	SB501-1113-2	Orig	2/1/1984	To eliminate nutation.		501-1113-01
VG-204D	SB501-1113-3	A	8/1/1984	To minimize false erections and eliminate shaft looseness.		501-1113-01
VG-204D	SB501-1113-4	A	9/1/1983	To insure correct relay is installed upon the 542-1213-01 Frame Circuit Card Assembly.		501-1113-01
VG-204D	SB501-1113-5	Orig	2/1/1984	To replace cover.		501-1113-01
VG-204D	SB501-1113-6	Orig	2/1/1984	To replace base.		501-1113-01
VG-204D	SB501-1113-7	Orig	6/1/1984	To install higher reliability diode.		501-1113-01
VG-204D	SB501-1113-8	Orig	8/1/1984	To minimize Synchro modulation.		501-1113-01
VG-204D	SB501-1113-9	Orig	1/1/1985	To install a more reliable stator.		501-1113-01
VG-204F	SB501-1120-1	Orig	11/1/1989	To provide for variations in transistor configuration.		501-1120-01
VG-208A	SB501-1121-1	B	5/1/1999	To eliminate the possibility of shorting leads of resistors R4 and R7. Refer to SB501-1121-14A.		501-1121-01
VG-208A	SB501-1121-10	Orig	8/1/1984	To minimize false erection.		501-1121-01
VG-208A	SB501-1121-11	Orig	1/1/1985	To install a more reliable stator.		501-1121-01
VG-208A	SB501-1121-12	Orig	1/1/1985	To remove components to eliminate DC voltage on pitch switch.		501-1121-01
VG-208A	SB501-1121-13	Orig	6/1/1992	To provide use of a capacitor with improved reliability characteristics.		501-1121-01
VG-208A	SB501-1121-14	A	5/1/1999	Incorporation of this modification will eliminate interference between the unit cover and Resistor A5R4.		501-1121-01

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VG-208A	SB501-112 1-15	A	5/1/2001	To improve drift performance and eliminate potential of spring on pitch axis from rubbing on shield of bearing.		501-112 1-01
VG-208A	SB501-112 1-2	B	5/1/1999	To reduce audible noise.		501-112 1-01
VG-208A	SB501-112 1-3	A	4/1/1985	To replace flex circuits with molded Terminal Board.		501-112 1-01
VG-208A	SB501-112 1-4	A	4/1/1985	To eliminate nutation.		501-112 1-01
VG-208A	SB501-112 1-5	Orig	8/1/1984	To prevent solenoid shaft from coming loose.		501-112 1-01
VG-208A	SB501-112 1-6	Orig	8/1/1984	To minimize Synchro modulation.		501-112 1-01
VG-208A	SB501-112 1-7	A	7/1/1985	To replace base.		501-112 1-01
VG-208A	SB501-112 1-8	Orig	8/1/1984	To replace cover.		501-112 1-01
VG-208A	SB501-112 1-9	A	4/1/1986	To reduce Synchro modulation and remove mod 19 parts.		501-112 1-01
MT-101A MT-101B	SB501-113 2-1	Orig	11/20/1974	To extend upper Mach limit.		501-113 2-01 501-113 2-02
MT-101B	SB501-113 2-10	C	8/1/1980	To provide consistent monitor latch reset with out-of-phase F input during ground test.		501-113 2-02
MT-101B	SB501-113 2-11	A	8/1/1980	To increase monitor latch circuit reset time.		501-113 2-02
MT-101A MT-101B MT-101D	SB501-113 2-12	Orig	1/1/1983	To update MT-101 to Model E.		501-113 2-01 501-113 2-02 501-113 2-03
MT-101D MT-101E	SB501-113 2-13	A	1/1/1983	To prevent trim oscillation and improve mach gain circuit temperature characteristics.		501-113 2-04 501-113 2-05
MT-101D MT-101E	SB501-113 2-14	B	6/1/1990	To prevent fail light from flashing during ground test.		501-113 2-04 501-113 2-05
MT-101( )	SB501-113 2-15	A	9/21/2006	To improve short circuit protection on MT-101A,B,D and E.		501-113 2-( )

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MT-101A MT-101B	SB501-113 2-16	A	8/1/1983	To allow manual trim circuit operation with lower logic levels.		501-113 2-01 501-113 2-02
MT-101( )	SB501-113 2-17	A	11/1/1988	To use higher reliability diode.		501-113 2-( )
MT-101( )	SB501-113 2-18	Orig	9/1/1988	To increase the unit service life by replacing four power supply capacitors with new components.		501-113 2-( )
MT-101( )	SB501-113 2-19	Orig	8/1/1990	To prevent possible damage to circuit card due to excessive heat in the event of a power supply failure.		501-113 2-( )
MT-101A	SB501-113 2-2	Orig	5/1/1975	To protect transformer from line shorts.		501-113 2-01
MT-101A	SB501-113 2-3	Orig	5/1/1975	To improve noise immunity.		501-113 9-01
MT-101A	SB501-113 2-4	Orig	10/1/1975	To prevent ground loop.		501-113 2-01
MT-101A	SB501-113 2-5	Orig	11/1/1976	To reduce monitor trip at high mach.		501-113 2-01
MT-101A	SB501-113 2-6	Orig	12/1/1977	To enable self-test circuit to work with all air data sensors.		501-113 2-01
MT-101A	SB501-113 2-7	Orig	6/1/1978	To prevent premature aural warning during manual trim at low temperature.		501-113 2-01
MT-101A	SB501-113 2-8	Orig	2/1/1979	To prevent fail light from illuminating during manual trim condition.		501-113 2-01
MT-101A MT-101B	SB501-113 2-9	G	8/1/1980	To update MT-101A to MT-101B configuration by adding Mach Trim latching circuit.		501-113 2-01 501-113 2-02
SP-101( ) SP-101A SP-101B SP-101C SP-101D SP-101E SP-101G	SB501-113 3-11	A	9/21/2006	To improve short circuit protection between Base Plate and Circuit Card.		501-113 3-( ) 501-113 3-02 501-113 3-03 501-113 3-04 501-113 3-05 501-113 3-07
SP-101H	SB501-113 3-13	Orig	7/26/2005	Retrofit of SP-101H to SP-101J.		501-113 3-08
SP-101H	SB501-113 3-14	C	2/1/1985	To retrofit the SP-101H to the SP-101J configuration.		501-113 3-08

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SP-101J	SB501-113 3-15	Orig	5/1/1986	To insure proper timer operation after A4-U12 is replaced.		501-113 3-09
SP-101( ) SP-101B SP-101C SP-101D SP-101E SP-101G SP-101H SP-101J	SB501-113 3-16	C	9/21/2006	To insure proper fail indication after loss of 115 Vac power.		501-113 3-( ) 501-113 3-02 501-113 3-03 501-113 3-04 501-113 3-05 501-113 3-07 501-113 3-08 501-113 3-09
SP-101( )	SB501-113 3-17	A	2/1/1988	To provide increased reliability of power supply filter capacitors.		501-113 3-( )
SP-101( )	SB501-113 3-18	Orig	4/1/1990	To rescale failure monitor to compensate for +15 Vdc to tolerance.		501-113 3-( )
SP-101( )	SB501-113 3-19	A	11/1/2000	To prevent possible circuit board damage due to excessive heat during a short circuit on 15 Vdc line.		501-113 3-( )
SP-101L	SB501-113 3-20	Orig	2/1/1996	To reduce sensitivity of the 0E and 40E adjustment by replacing potentiometers R5 and R6, and modifying or replacing the 542-2504-01 circuit card assembly		501-113 3-11
SP-101J SP-101K SP-101L	SB501-113 3-21	Orig	2/1/1996	To ensure proper Spoileron ARM light time-out after 2 minutes by installing capacitor A4C25.(Refer to schematic diagrams in figures 2 and 3.)		501-113 3-09 501-113 3-10 501-113 3-11
SP-101L	SB501-113 3-22	A	6/5/2007	To prevent possible board damage caused by excessive power resistor heat dissipation.		501-113 3-11
SP-101L	SB501-113 3-23	Orig	9/1/2000	Allow spoiler extend and retract times to be set closer to their nominal times during calibration.		501-113 3-11
SP-101J SP-101K SP-101L	SB501-113 3-24	Orig	3/1/2000	To compensate for tolerance changes which may cause ARM light to extinguish.		501-113 3-09 501-113 3-10 501-113 3-11
SP-101J	SB501-113 3-25	A	1/11/2002	Enhance Reliability.		501-113 3-09



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SP-101L	SB501-113 3-26	A	1/11/20 02	Enhance Reliability.		501-113 3-11
SP-101L	SB501-113 3-28	Orig	1/11/20 02	Enhance reliability by reducing the likelihood of fractured soldered connections.		501-113 3-11
SP-101( )	SB501-113 3-29	Orig	1/22/20 03	Enhance reliability.		501-113 3-( )
SP-101H SP-101J SP-101K SP-101L	SB501-113 3-30	Orig	2/12/20 03	Improve reliability by replacing power resistors with parts with improved heat dissipation.		501-113 3-08 501-113 3-09 501-113 3-10 501-113 3-11
SP-101H	SB501-113 3-31	A	7/19/20 07	TP compensate for tolerance changes which may cause arm light to extinguish.		501-113 3-08
SP-101L	SB501-113 3-33	C	7/23/20 09	Incorporate MOD 10		501-113 3-11
SP-101B	SB501-113 3-5	E	8/26/20 09	To prevent spoiler extension without indication.		501-113 3-02
SP-101B SP-101C	SB501-113 3-6	Orig	2/1/198 0	To improve flasher circuit operation at temperature extremes.		501-113 3-02 501-113 3-03
SP-101B SP-101C	SB501-113 3-9	Orig	9/1/198 2	To allow for use on 30 Series SCR Learjet by providing increased spoiler extend/retract times.		501-113 3-02 501-113 3-03
SI-2500B	SB501-114 8-1	Orig	7/1/197 7	To provide under frequency/over voltage protection.		501-114 8-01
SI-2500B SI-2500B/P	SB501-114 8-10	Orig	8/1/198 0	To insure phase lock capabilities.		501-114 8-01 501-114 8-02
SI-2500B/P	SB501-114 8-11	Orig	10/1/19 80	To increase phase lock synch range.		501-114 8-02
SI-2500B SI-2500B/P	SB501-114 8-12	Orig	3/1/198 4	To improve output transient suppression.		501-114 8-01 501-114 8-02
SI-2500B SI-2500B/P	SB501-114 8-13	Orig	3/1/198 4	To eliminate modulation on AC output line.		501-114 8-01 501-114 8-02

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SI-2500B SI-2500B/P	SB501-114 8-14	Orig	3/1/1984	To improve AC regulation and fast starting capability.		501-114 8-01 501-114 8-02
SI-2500B SI-2500B/P	SB501-114 8-15	Orig	3/1/1984	To reduce ripple current feedback to aircraft buss.		501-114 8-01 501-114 8-02
SI-2500B SI-2500B/P	SB501-114 8-16	A	6/1/1984	To insure integrity of circuit card connector interface by staking and soldering connector pins.		501-114 8-01 501-114 8-02
SI-2500B SI-2500B/P	SB501-114 8-17	A	11/1/1986	To improve moisture protection.		501-114 8-01 501-114 8-02
SI-2500B	SB501-114 8-2	Orig	7/1/1975	To replace dc input capacitors which have exhibited leakage and shortened life.		501-114 8-01
SI-2500B	SB501-114 8-3	Orig	7/1/1977	To convert the SI-2500B to SI-2500B/P to permit frequency synch/phase locking to other systems.		501-114 8-01
SI-2500B SI-2500B/P	SB501-114 8-4	E	3/1/1989	To prevent possible damage to AC capacitors by replacing capacitor bank assembly with an improved assembly.		501-114 8-01 501-114 8-02
SI-2500B/P	SB501-114 8-5	Orig	10/1/1979	To increase clock amplitude and improve stability in short circuit operation.		501-114 8-02
SI-2500B/P	SB501-114 8-6	Orig	10/1/1979	To reduce output voltage amplitude during turn-on.		501-114 8-02
SI-2500B SI-2500B/P	SB501-114 8-7	B	4/1/1980	To provide improved cooling.		501-114 8-01 501-114 8-02
SI-2500B SI-2500B/L	SB501-114 8-8	Orig	1/1/1980	To increase resistor power dissipation.		501-114 8-01 501-114 8-02
SI-2500B SI-2500B/P	SB501-114 8-9	Orig	8/1/1980	To insure proper operation of over voltage/under frequency circuit at low temperature.		501-114 8-01 501-114 8-02
DG-106D	SB501-114 9-1	CXL	10/16/1975	To prevent synchronizer lockup.		501-114 9-01
VG-204L	SB501-116 0-1	B	5/1/1999	To reduce audible noise.		501-116 0-01

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VG-204L	SB501-1160-10	Orig	1/1/1985	To install more reliable stator.		501-1160-01
VG-204L	SB501-1160-11	Orig	6/1/1985	To improve initial erection timing.		501-1160-01
VG-204L	SB501-1160-12	Orig	3/1/1992	To ensure roll erection cut-off circuit operates.		501-1160-01
VG-204L	SB501-1160-13	C	2/17/2004	To improve drift performance and eliminate potential of spring on pitch axis from rubbing on shield of bearing.		501-1160-01
VG-204AU	SB501-1160-14	Orig	11/26/2003	Prevent possible pitch precession by ensuring gimbal freedom.		501-1160-02
VG-204AU	SB501-1160-15	Orig	6/2/2004	Insure synchro output signals are compatible with application.		501-1160-02
VG-204L	SB501-1160-16	A	7/13/2005	Improve reliability by updating units in the field to current.		501-1160-01
VG-204L	SB501-1160-2	Orig	9/1/1981	To eliminate nutation.		501-1160-01
VG-204L	SB501-1160-3	Orig	9/1/1981	To improve reliability.		501-1160-01
VG-204L	SB501-1160-4	Orig	10/1/1983	To insure roll erection when in the cut-off mode.		501-1160-01
VG-204L	SB501-1160-5	B	11/1/1984	To minimize false erection and eliminate shaft looseness.		501-1160-01
VG-204L	SB501-1160-6	Orig	6/1/1984	To replace base.		501-1160-01
VG-204L	SB501-1160-7	Orig	6/1/1984	To replace cover.		501-1160-01
VG-204L	SB501-1160-8	Orig	6/1/1984	To use higher reliability diode.		501-1160-01
VG-204L	SB501-1160-9	Orig	8/1/1984	To minimize Synchro modulation.		501-1160-01
SI-3000A SI-3000B	SB501-1167-1	E	4/1/1983	To improve short-circuit and overload control and to reduce voltage spikes in the power transistors.		501-1167-01 501-1167-02
SI-3000A SI-3000B	SB501-1167-2	Orig	5/1/1983	To change transistors with types having a higher voltage rating and to handle high voltage transients without damage.		501-1167-01 501-1167-02
SI-3000A SI-3000B	SB501-1167-3	A	6/1/1984	To insure integrity of circuit card connector interface by staking and soldering connector pins.		501-1167-01 501-1167-02

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SI-3000A SI-3000B	SB501-116 7-4	Orig	5/1/1984	To improve moisture protection.		501-116 7-01 501-116 7-02
SI-3000A SI-3000B	SB501-116 7-5	D	2/1/1987	To replace input capacitors.		501-116 7-01 501-116 7-02
SI-3000A SI-3000B	SB501-116 7-6	B	11/7/2005	To insulate heatsink from side panels.		501-116 7-01 501-116 7-02
AI-904S( ) AI-904U( )	SB501-117 0-1	A	2/1/1985	To convert listed AI-904 models to models for helicopter use.		501-117 0-09 501-117 0-10 501-117 0-13 501-117 0-14
AI-904( ) AI-904AF	SB501-117 0-2	Orig	2/1/1985	To provide instructions necessary for relocation of C1 capacitor which will permit installation of the replacement circuit card assembly.		501-117 0-( ) 501-141 3-01
AI-904( )	SB501-117 0-3	Orig	4/1/1985	To incorporate gears with hard finish.		501-117 0-( )
CD-2001	SB501-117 2-1		7/26/2005			501-117 2-( )
CD-2001 CD-2001A/B CD-2001A/G	SB501-117 2-2	Orig	10/1/1977	To replace lamp overlay plate.		501-117 2-01 501-117 2-02
PL-100B	SB501-117 9-2	Orig	3/1/1992	To prevent chafing and breakdown between chassis and flex cable caused by flex cable rubbing against CCA mounting hardware.		501-117 9-02
AI-804R	SB501-119 7-1	A	1/1/1993	To provide an attitude indicator with a longer caging knob.		501-119 7-05
AI-804BL	SB501-119 7-2	A	12/1/2000	Reduce tendency of erector weight to stick. (superceded)		501-119 7-20
AI-804( )	SB501-119 7-3	A	12/1/2000	New erector is a simplified design.		501-119 7-( )
AI-804( )	SB501-119 7-4	Orig	12/1/2000	Improve reliability of erection system.		501-119 7-( )
AI-804( )	SB501-119 7-5	Orig	4/30/2002	Reliability improvement. New part has strengthened locking tang.		501-119 7-( )

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AI-804CA AI-804CE AI-804CJ	SB501-119 7-6	A	12/13/2007			501-119 7-28 501-119 7-29 501-119 7-32
CA-2001B/B CA-2001B/G	SB501-120 0-1	Orig	4/1/1978	To prevent possible false VNAV CAPTURE indication.		501-120 0-03 501-120 0-04
CA-2001B/B CA-2001B/G	SB501-120 0-2	Orig	4/1/1978	To prevent inadvertent localizer engagement of receiver when RNAV power is off.		501-120 0-03 501-120 0-04
VG-206D	SB501-120 4-1	A	2/1/1981	To reduce audible noise. Refer to SB501-1204-19.		501-120 4-01
VG-206D	SB501-120 4-10	Orig	8/1/1984	To replace base.		501-120 4-01
VG-206D	SB501-120 4-11	Orig	8/1/1984	To replace cover.		501-120 4-01
VG-206D	SB501-120 4-12	A	10/1/1984	To replace old stators with new stator and Terminal Board.		501-120 4-01
VG-206D	SB501-120 4-13	Orig	1/1/1985	To remove components to eliminate DC voltage in pitch switch. Refer to SB501-1204-17.		501-120 4-01
VG-206D	SB501-120 4-14	B	12/1/1998	To reduce pitch acceleration errors and insure adequate flag voltage.		501-120 4-01
VG-206D	SB501-120 4-15	Orig	11/1/1988	To eliminate relay chatter at time out caused by power supply sag when relays energize. Refer to SB501-1204-17.		501-120 4-01
VG-206D	SB501-120 4-16	Orig	6/1/1991	Modification to eliminate harmonic noise generated by two magnet gyroscope rotor assemblies.		501-120 4-01
VG-206D	SB501-120 4-17	Orig	7/1/1992	To provide a replacement for Flex Frame Circuit Card Assembly in the event these circuit card assemblies become non-serviceable.		501-120 4-01
VG-206D	SB501-120 4-18	Orig	5/1/1993	To provide information/instructions for replacement of cutoff switches P/N 561-1504-01 with P/N 561-1602-01 or -02.		501-120 4-01
VG-206D	SB501-120 4-19	D	5/19/2005	To improve gyro performance by replacing double row bearing on pitch axis with single row bearing.		501-120 4-01
VG-206D	SB501-120 4-2	A	2/11/2009	To reduce roll freedom when power is off.		501-120 4-01
VG-206D	SB501-120 4-3	Orig	11/1/1983	To reduce possibility of improper Synchro outputs.		501-120 4-01
VG-206D	SB501-120 4-4	A	8/1/1984	To reduce pitch transient noise.		501-120 4-01

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VG-206D	SB501-1204-5	Orig	11/1/1983	To insure complete cut-off of single wheel monitor circuit when in "OFF" mode. Refer to SB501-1204-17		501-1204-01
VG-206D	SB501-1204-6	Orig	11/1/1983	To prevent terminal boards from warping.		501-1204-01
VG-206D	SB501-1204-7	Orig	11/1/1983	To prevent solenoid shaft from coming loose.		501-1204-01
VG-206D	SB501-1204-8	C	10/1/1999	To incorporate transient protection for U1 and improve single wheel operation. To improve reliability of output signals to inner axis terminal board.		501-1204-01
VG-206D	SB501-1204-9	Orig	11/1/1983	To improve reliability of radar printed circuit board.		501-1204-01
SI-1000A	SB501-1205-1	Orig	3/1/1985	To provide over voltage adjustment.		501-1205-01
SI-1000A	SB501-1205-2	Orig	3/1/1985	To insure integrity of circuit card connector interface by staking and soldering connector pins.		501-1205-01
SI-1000A	SB501-1205-3	Orig	3/1/1985	To provide warning light indication under all shut down conditions.		501-1205-01
SI-1000A	SB501-1205-4	Orig	5/1/1989	To improve frequency stability during stand alone operation.		501-1205-01
SI-1000A SI-3000G SI-3000K	SB501-1205-5	Orig	10/1/1989	To improve frequency stability during stand alone operation.		501-1205-01 501-1205-02 501-1475-01
SI-3000A SI-3000G SI-3000K	SB501-1205-6	Orig	10/1/1989	To insure proper auxiliary power supply operation under parallel inverter and remote turn-off conditions.		501-1205-01 501-1205-02 501-1475-01
SI-3000A SI-3000K	SB501-1205-7	Orig	2/1/1992	To replace wet tantalum capacitors with solid tantalum capacitors.		501-1205-01 501-1205-02
DAC-2000 DG-2001	SB501-1207-1		7/26/2005			
DAC-2000 DC-2001E DC-2001H DC-2001J DC-2001K DC-7001A	SB501-1207-10	Orig	6/1/1980	To reinstate IFR certification.		501-1207-05 501-1207-08 501-1207-09 501-1279-01

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DAC-2000 DC-2001( )	SB501-120 7-2	Orig	1/1/1978	To change memory program circuit card.		501-1280-01
DAC-2000 DC-2001( ) DC-7001A	SB501-120 7-8	Orig	4/1/1980	To remove IFR certification.		501-1207-( ) 501-1207-( ) 501-1279-01 501-1280-01
VG-208B	SB501-120 9-1	B	5/1/1999	To eliminate the possibility of shorting leads of resistors R4 and R7.		501-1209-01
VG-208B	SB501-120 9-10	Orig	8/1/1984	To minimize false erections.		501-1209-01
VG-208B	SB501-120 9-11	Orig	1/1/1985	To install more reliable stator.		501-1209-01
VG-208B	SB501-120 9-12	Orig	1/1/1985	To remove components to eliminate DC voltage on pitch switch.		501-1209-01
VG-208B	SB501-120 9-13	Orig	6/1/1992	To provide use of capacitor with improved reliability characteristics.		501-1209-01
VG-208B	SB501-120 9-14	A	5/1/1999	Incorporation of this modification will eliminate interference between the unit cover and Resistor A5R4.		501-1209-01
VG-208B	SB501-120 9-15	A	5/1/2001	To improve drift performance and eliminate potential of spring on pitch axis from rubbing on shield of bearing.		501-1209-01
VG-208B	SB501-120 9-2	B	5/1/1999	To reduce audible noise.		501-1209-01
VG-208B	SB501-120 9-3	A	9/1/1984	To improve reliability.		501-1209-01
VG-208B	SB501-120 9-4	B	4/1/1985	To eliminate nutation.		501-1209-01
VG-208B	SB501-120 9-5	Orig	8/1/1984	To prevent solenoid shaft from coming loose.		501-1209-01
VG-208B	SB501-120 9-6	Orig	8/1/1984	To minimize Synchro modulation.		501-1209-01
VG-208B	SB501-120 9-7	A	7/1/1985	To replace base.		501-1209-01
VG-208B	SB501-120 9-8	Orig	8/1/1984	To replace cover.		501-1209-01
VG-208B	SB501-120 9-9	A	4/1/1986	To reduce Synchro modulation and remove mod 19 parts.		501-1209-01
VG-208C	SB501-121 0-1	B	5/1/1999	To eliminate the possibility of shorting of resistors R4 and R7.		501-1210-01

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VG-208C	SB501-1210-10	Orig	8/1/1984	To minimize false erections.		501-1210-01
VG-208C	SB501-1210-11	A	9/25/1990	To improve reliability by replacing stators.		501-1210-01
VG-208C	SB501-1210-12	Orig	1/1/1985	To remove components to eliminate DC voltage on pitch switch.		501-1210-01
VG-208C	SB501-1210-13	Orig	6/1/1992	To provide use of a capacitor with improved reliability characteristics.		501-1210-01
VG-208C	SB501-1210-14	B	8/18/2006	Incorporation of this modification will eliminate interference between the unit cover and Resistor A5R4.		501-1210-01
VG-208C	SB501-1210-15	A	5/1/2001	To improve drift performance and eliminate potential of spring on pitch axis from rubbing on shield of bearing.		501-1210-01
VG-208C	SB501-1210-16	B	7/4/2003	Unsecured Pitch Stop can come loose during operation.		501-1210-01
VG-208C	SB501-1210-2	B	5/1/1999	To reduce audible noise.		501-1210-01
VG-208C	SB501-1210-3	A	9/1/1984	To replace flex circuits with molded Terminal Board.		501-1210-01
VG-208C	SB501-1210-4	B	4/1/1985	To eliminate nutation.		501-1210-01
VG-208C	SB501-1210-5	Orig	8/1/1984	To prevent solenoid shaft from coming loose.		501-1210-01
VG-208C	SB501-1210-6	Orig	8/1/1984	To minimize Synchro modulation.		501-1210-01
VG-208C	SB501-1210-7	A	7/1/1985	To replace base.		501-1210-01
VG-208C	SB501-1210-8	Orig	8/1/1984	To replace cover.		501-1210-01
VG-208C	SB501-1210-9	A	4/1/1986	To reduce Synchro modulation and remove mod 19 parts.		501-1210-01
VG-204V	SB501-1224-1	Orig	12/1/1980	To reduce audible noise.		501-1224-01
VG-204Z	SB501-1224-10	Orig	1/1/1985	To install a more reliable stator.		501-1224-02
VG-204V VG-204Z	SB501-1224-11	Orig	2/1/1985	To install higher reliability diodes.		501-1224-01 501-1224-02
VG-204V VG-204Z	SB501-1224-12	Orig	6/1/1985	To improve initial erection timing.		501-1224-01 501-1224-02



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VG-204Z	SB501-122 4-13	C	11/15/2002	To reduce gyro signal interference with autopilot by conversion to VG-204AB configuration. [Factory Modification Only]		501-122 4-02
VG-204V VG-204Z	SB501-122 4-14	A	2/1/1994	To reduce environmental effects of vibration and shock.		501-122 4-01 501-122 4-02
VG-204V	SB501-122 4-2	Orig	9/1/1981	To eliminate nutation.		501-122 4-01
VG-204V	SB501-122 4-3	Orig	9/1/1981	To improve reliability.		501-122 4-01
VG-204V	SB501-122 4-4	A	8/1/1985	To retrofit gyro to VG-204Z configuration.		501-122 4-01
VG-204V VG-204Z	SB501-122 4-5	Orig	6/1/1984	To replace base.		501-122 4-01 501-122 4-02
VG-204V VG-204Z	SB501-122 4-6	Orig	6/1/1984	To replace cover.		501-122 4-01 501-122 4-02
VG-204V VG-204Z	SB501-122 4-7	Orig	6/1/1984	To use diodes of higher reliability.		501-122 4-01 501-122 4-02
VG-204V VG-204Z	SB501-122 4-8	A	5/1/1985	To minimize false erections.		501-122 4-01 501-122 4-02
VG-204Z	SB501-122 4-9	Orig	7/1/1984	To reduce Synchro modulation by demagnetizing unit.		501-122 4-02
PS-835 PS-835A PS-835B	SB501-122 8-1	B	2/28/2004	To prevent J2 from arcing during testing.		501-122 8 501-122 8-01 501-122 8-02
PS-835C PS-835D	SB501-122 8-10	C	5/15/2004	To provide emergency buss fuse bypass.		501-122 8-02 501-122 8-04
PS-835A PS-835C PS-835E	SB501-122 8-11	A	2/28/2004	To prevent possible inadvertent shorting.		501-122 8-01 501-122 8-03

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PS-835 ( )	SB501-122 8-12	A	11/20/2003	To prevent shorting the batteries to the case in the event of cover damage in areas of the battery CCA.		501-122 8-05
PS-835( )	SB501-122 8-13	A	2/28/2004	To provide protection against improper charging.		501-122 8-()
PS-835D	SB501-122 8-14	B	2/28/2004	To correct improper battery wire routing that could result in wire insulation cold flow and eventual short circuit condition.		501-122 8-04
PS-835 ( )	SB501-122 8-15	A	6/20/2003	To add warning instructions for proper care and maintenance of battery pack to prevent voiding of warranty.		501-122 8-()
PS-835A PS-835B	SB501-122 8-2	B	2/28/2004	To provide improved thermal resistor to reduce the possibility of shorting.		501-122 8-01 501-122 8-02
PS-835B	SB501-122 8-3	A	2/28/2004	To provide increased insulation between battery cell BT 12 and the chassis.		501-122 8-02
PS-835A PS-835B	SB501-122 8-4	B	2/28/2004	To prevent the possibility of PWB damage due to loss of battery to chassis isolation.		501-122 8-01 501-122 8-02
PS-835A PS-835B	SB501-122 8-5	B	2/28/2004	To insure proper installation of PS-835A Mod 3 and PS-835B Mod 4.		501-122 8-01 501-122 8-02
PS-835A PS-835B	SB501-122 8-6	D	2/28/2004	To install Mod 1 on A2 PC Board to reduce possibility of transistors shorting to ground.		501-122 8-01 501-122 8-02
PS-835A PS-835B PS-835C PS-835D	SB501-122 8-7	Orig	5/20/1982	To provide self-test of power supply output as well as battery output to detect possible fuse failure.		501-122 8-01 501-122 8-02 501-122 8-03 501-122 8-04
PS-835A PS-835B	SB501-122 8-8	B	1/30/2002	To meet voltage spike test category "A" of DO-160A Environmental test requirements.		501-122 8-01 501-122 8-02
PS-835A PS-835B PS-835C PS-835D	SB501-122 8-9	A	2/28/2004	To improve heater enabling circuit.		501-122 8-01 501-122 8-02

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						501-1228-03
						501-1228-04
SI-1250A	SB501-1235-1	Orig	10/1/1979	To provide correct phasing when phased-locked.		501-1235-01
SI-1250A	SB501-1235-2	Orig	8/1/1980	To provide correct phasing when phased-locked.		501-1235-01
SI-1250A	SB501-1235-3	B	12/1/1985	To prevent possibility of the fused ground circuit from being shorted to ground prior to the fuse.		501-1235-01
SI-1250A	SB501-1235-4	A	6/1/1984	To insure integrity of circuit card connector interface by staking and soldering connector pins.		501-1235-01
SI-1250A	SB501-1235-5	Orig	5/1/1984	To improve moisture protection.		501-1235-01
SI-1250A	SB501-1235-6	A	4/1/1986	To improve inverter to inverter logic interface.		501-1235-01
SI-1250A	SB501-1235-7	CXL	12/15/2000	RECINDED		501-1235-01
	SB501-1235-8	CXL	7/26/2005	Never Released.		
SI-1250A	SB501-1235-9	A	1/18/2012	To replace resistors that become intermittent with age and cause sporadic inverter shutdown.		501-1235-01
AI-904W	SB501-1237-1	Orig	7/1/1978	To insure power warning flag operation when used with PS-823C or D Emergency Power Supply.		501-1237-01
AI-904W	SB501-1237-2	B	12/15/2000	Conversion of Model AI-904W (part number 501-1237-01) to AI-904AZ (part number 501-1237-02).		501-1237-01
SI-100A SI-100B	SB501-1240-1	A	7/1/1985	To improve AC output characteristics over full input voltage range.		501-1240-01
						501-1240-02
SI-100A SI-100B	SB501-1240-2	Orig	7/1/1984	To insure proper output levels when starting under full load.		501-1240-01
						501-1240-02
SI-100A SI-100B	SB501-1240-3	A	12/1/1986	To prevent improper assembly from causing an inadvertent short of 115 Vac to case.		501-1240-01
						501-1240-02
SI-100A SI-100B	SB501-1240-4	Orig	5/1/1985	To prevent possible fracturing of capacitor leads.		501-1240-01
						501-1240-02
SI-100A SI-100B	SB501-1240-5	Orig	12/1/1986	To insure isolation of the 115 Vac output interconnects.		501-1240-01

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AI-904AA AI-904AB AI-904Y AI-904Z	SB501-124 2-1	Orig	7/1/1978	To insure power warning flag operation when used with PS-823C or D Emergency Power Supply.		501-124 0-02 501-124 2-( )
SI-1500A	SB501-124 9-1	Orig	8/1/1980	To provide correct phasing when phased-locked.		501-124 9-01
SI-1500A	SB501-124 9-2	Orig	6/1/1984	To improve reset capabilities under high speed input power switching conditions.		501-124 9-01
SI-1500A	SB501-124 9-3	A	6/1/1984	To insure integrity of circuit card connector interface by staking and soldering connector pins.		501-124 9-01
SI-1500A	SB501-124 9-4	Orig	5/1/1984	To improve moisture protection.		501-124 9-01
SI-1500A	SB501-124 9-5	A	10/1/1985	To prevent possibility of the fused ground circuit from being shorted to ground prior to the fuse.		501-124 9-01
SI-1500A	SB501-124 9-6	A	4/1/1986	To improve inverter to inverter logic interface.		501-124 9-01
SI-1500A	SB501-124 9-7	A	11/1/1999	To inform of circuit changes required when replacing U7.		501-124 6-01
SI-1500A	SB501-124 9-8	Orig	1/1/1993	To prevent possible damage to feedback transformer T4 when the inverter is driving large pulsed loads by incorporating the voltage feedback winding into power transformer T1 and eliminating T4.		501-124 9-01
SI-1500A	SB501-124 9-9	Orig	12/1/1992	To replace resistors that become intermittent with age and cause sporadic inverter shutdown.		501-124 9-01
AC-111J/B AC-111J/G AC-111W/B AC-111W/G	SB501-125 4-1	D	8/5/1983	To retrofit Flight Controller for 6 degree per second Roll Rate Limiter. (Model Change)		501-125 4-01 501-125 4-02 501-125 4-05 501-125 4-06
AC-111AH/B AC-111AH/G AC-111J/B AC-111J/G FC-110	SB501-125 4-2	D	9/24/1984	Retrofit flight controller to limit pitch command capability to 20 deg/UP and 10 deg/down. (Model change)		501-125 4-01 501-125 4-02 501-125 4-07 501-125 4-08
AC-111AH/B AC-111AH/G AC-111K/B AC-111K/G	SB501-125 4-3	Orig	8/1/1983	To replace resistor to provide increase ROLL SERVO BALANCE adjustment range.		501-125 4-03 501-125 4-04

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FC-110						501-125 4-07 501-125 4-08
AC-111K/B AC-111K/G AC-111W/B AC-111W/G FC-110	SB501-125 4-4	Orig	6/1/1984	To replace resistor on Command Limiter Circuit Card Assembly.		501-125 4-03 501-125 4-04 501-125 4-05 501-125 4-06
VG-204Y	SB501-125 5-1	A	5/1/1999	To reduce audible noise.		501-125 5-01
VG-204Y	SB501-125 5-2	Orig	8/1/1984	To install K3 relay on 542-1360-01 Frame Circuit Card Assembly.		501-125 5-01
VG-204Y	SB501-125 5-3	A	7/1/1985	To strengthen base assembly and thereby improve reliability.		501-125 5-01
VG-204Y	SB501-125 5-4	Orig	6/1/1984	To strengthen cover and thereby improve reliability.		501-125 5-01
VG-204Y	SB501-125 5-5	Orig	6/1/1984	To install higher reliability diode.		501-125 5-01
VG-204Y	SB501-125 5-6	Orig	1/1/1985	To install a more reliable stator.		501-125 5-01
VG-204Y	SB501-125 5-7	Orig	2/1/1985	To install higher reliability diode.		501-125 5-01
VG-204Y	SB501-125 5-8	C	2/17/2004	To improve drift performance and eliminate potential of spring on pitch axis from rubbing on shield of bearing.		501-125 5-01
VG-204Y	SB501-125 5-9	Orig	12/1/2000	Improve reliability of connection.		501-125 5-01
DB-600A	SB501-125 8-1	A	2/6/2003	To improve stability of slip clutch torque setting.		501-125 8-01
DB-600A	SB501-125 8-2	Orig	2/6/2003	To reduce hysteretic effect and increase clutch slip torque stability over time.		501-125 8-01
DB-600A	SB501-125 8-3	Orig	5/15/2003	To improve the consistency of the slip clutch torque setting.		501-125 8-01
DB-600A DB-600B	SB501-125 8-4	A	1/18/2008	Prevent contact between drum stop and servo mating part		501-125 8-01 501-125 8-02
DB-600A	SB501-125 8-5	A	10/1/2009			501-125 8-01
SA-600A	SB501-125 9-1	Orig	10/1/1979	To prevent possible interference between R1 and Q4.		501-125 9-01

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SA-600( )	SB501-1259-10	Orig	8/1/1997	Product improvement to quiet and remove wear of bronze bearing.		501-1259-( )
SA-600( )	SB501-1259-11	Orig	7/1/1997	Product improvement to eliminate possibility of slip clutch failures.		501-1259-( )
SA-600D	SB501-1259-12	Orig	12/1/2000	To change screw retention system.		501-1259-04
SA-600C	SB501-1259-2	Orig	4/1/1985	To ensure proper fail lamp operation with revised pilot/copilot release logic.		501-1259-03
SA-600C SA-600D	SB501-1259-3	A	7/1/1981	To ensure that actuator rotor and shaft assembly setscrews are secure.		501-1259-03 501-1259-04
SA-600A SA-600B SA-600C	SB501-1259-4	Orig	5/1/1982	To reduce interference between clutch L1 rotor and field.		501-1259-01 501-1259-02 501-1259-03
SA-600C SA-600D	SB501-1259-5	A	4/1/1985	To ensure proper fail lamp operation with the use of a transistor with improved leakage characteristics.		501-1259-03 501-1259-04
SA-600C SA-600D	SB501-1259-6	A	4/1/1985	To provide a more constant output torque on the servo actuator.		501-1259-03 501-1259-04
SA-600C SA-600D	SB501-1259-7	A	4/1/1985	To prevent erroneous fail light indication.		501-1259-03 501-1259-04
SA-600C	SB501-1259-8	A	4/1/1987	To remove internal G-switch and re-identify the SA-600C (P/N 501-1259-03) to SA-600D (P/N 501-1259-04).		501-1259-03
SA-600C SA-600D SA-600E	SB501-1259-9	A	8/1/1991	Replacement of Spur Gear to compensate for tolerance shifts resulting in inability to set slip clutch torque.		501-1259-03 501-1259-04 501-1259-05
SI-3003B	SB501-1265-1	A	1/1/1983	To increase the synchronization of SI-3003B Static Inverter.		501-1265-01
SI-3003B	SB501-1265-10	Orig	7/1/1993	This modification replaces L2 Output Inductor, P/N 556-1208-01 with P/N 556-1283-01.		501-1265-01
SI-3003B	SB501-1265-2	A	9/1/1988	To provide input capacitors with improved ripple current capabilities.		501-1265-01

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SI-3003B	SB501-1265-3	A	5/1/1984	To improve moisture protection.		501-1265-01
SI-3003B	SB501-1265-4	Orig	7/1/1988	To provide a higher voltage capacitor for proper fan operation and prevent inverter over-heating and shutdown.		501-1265-01
SI-3003B	SB501-1265-5	A	12/1/1990	Inspection and incorporation of Mod 8 intended as preventative measures to provide improved mechanical integrity of Output Indicator L2).		501-1265-01
SI-3003B	SB501-1265-6	Orig	6/1/1991	To provide over voltage shutdown at a more practical level.		501-1265-01
SI-3003B	SB501-1265-7	Orig	9/1/1991	To provide capacitor terminal strap and interconnects that reduce possible thread damage in capacitor header during assembly.		501-1265-01
SI-3003B	SB501-1265-8	Orig	9/1/1992	To insure proper unit start up by preventing possible momentary activation of under voltage shutdown circuits during initial unit turn on.		501-1265-01
SI-3003B	SB501-1265-9	Orig	11/1/1992	This modification provides the required biasing of +15Vdc regulator control circuit (A1Q3) to insure a linear range for proper regulation under high DC input voltage conditions.		501-1265-01
DAC-2000 DC-2001( ) DC-7001( )	SB501-1279-1	Orig	4/3/1980	To remove IFR certification.		501-1207-( ) 501-1279-01 501-1280-01
DC-2001 DC-7001	SB501-1279-2		7/26/2005			
DC-2001 DC-7001	SB501-1279-3		7/26/2005			
DAC-2000 DC-2001E DC-2001H DC-2001J DC-2001K DC-7001A	SB501-1279-4	Orig	6/15/1980	To reinstate IFR certification.		501-1207-05 501-1207-08 501-1207-09 501-1279-01 501-1280-01
DC-2001 DC-7001	SB501-1280-2		7/26/2005			
DAC-2001 DAC-7001	SB501-1280-3		7/26/2005			
AI-804AF	SB501-1296-1	Orig	8/1/1997	To incorporate lighting system with longer life.		501-1296-04
AI-804( )	SB501-1296-2	A	12/1/2000	New erector is a simplified design.		501-1296-( )
AI-804( )	SB501-1296-3	Orig	12/1/2000	Improve reliability of erection system.		501-1296-( )

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AI-804()	SB501-1296-4	Orig	4/22/2002	Reliability improvement. New part has strengthened locking tang.		501-1296-( )
AI-904AD	SB501-1297-1	Orig	2/1/1987	To install hardened gear train.		501-1297-01
SC-841A	SB501-1318-1	Orig	12/1/1982	To modify connector A1J1 mounting to insure positive contact.		501-1318-01
SC-841A	SB501-1318-2	A	9/1/1987	To eliminate op amp oscillation and insure proper short circuit current limiting operation.		501-1318-01
SC-841A	SB501-1318-3	Orig	9/1/1987	To eliminate op amp oscillation and ensure conduction angle dead band w/resistor tolerance buildup.		501-1318-01
SC-841A	SB501-1318-4	A	3/30/1992	To improve current limit circuit signal flow.		50-1318-01
SC-841A	SB501-1318-5	A	3/31/1992	To insure proper starting and prevent possible damage under loaded conditions.		501-1318-01
SC-841A	SB501-1318-6	Orig	4/28/1998	to insure proper current limit circuit operation while under short circuit conditions.		501-1318-01
SC-841A	SB501-1318-7	Orig	11/14/2003	To reduce susceptibility of insulation breakdown to case.		501-1318-01
SI-2500LP	SB501-1329-1		7/26/2005			501-1329-01
SI-2500LP	SB501-1329-2	B	11/12/2001	To replace U4 on PC Board. Revised to replace component part numbers listed in MOD Kit table.		501-1329-01
SI-2500LP	SB501-1329-3	A	10/1/1992	To reduce noise level in the driver circuit.		501-1329-01
SI-2500LP	SB501-1329-4	Orig	12/1/1985	To remove R114.		501-1329-01
SI-2500LP	SB501-1329-5	Orig	2/1/1998	To insure proper phase lock circuit operation.		501-1329-01
PL-103( )	SB501-1334-1	Orig	10/1/1985	To insure test requirements of Table 5-2, steps 5, 6 and 7 in TP-378.		501-1334-01
PL-103( )	SB501-1334-2	Orig	10/1/1985	To eliminate possible oscillations to the over/under voltage circuit.		501-1334-01
PL-103( )	SB501-1334-3	Orig	7/1/1986	To assure proper phase lock operation at low temperature; and to correct the gain of the precision rectifier to negative polarity input voltages.		501-1334-01
PL-103( )	SB501-1334-4	Orig	5/1/1987	To replace U2, U5, and U13 and prevent possible oscillations at temperature extremes.		501-1334-01



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PL-103( )	SB501-133 4-5	Orig	5/1/1987	To improve capture reliability at high temperature.		501-133 4-02
PL-103( )	SB501-133 4-6	Orig	5/1/1987	To insure proper connector engagement.		501-133 4-01 501-133 4-02
PL-103A PL-103C	SB501-133 4-7	Orig	6/28/2004	To prevent intermittent energization of bus-tie relay during startup by inhibiting the circuit for a one second delay after energization.		501-133 4-01 501-133 4-03
AI-804()	SB501-141 2-1	Orig	10/1/1995	To insure proper connection between chassis ground pin of J1 and case of unit.		501-141 2-( )
AI-804()	SB501-141 2-2	A	12/1/2000	New erector is a simplified design.		501-141 2-( )
AI-804()	SB501-141 2-3	Orig	12/1/2000	Improve reliability of erection system.		501-141 2-( )
AI-804()	SB501-141 2-4	Orig	4/22/2002	Reliability improvement. New part has strengthened locking tang.		501-141 2-( )
SA-340A	SB501-142 0-1	A	4/1/1993	To prevent possible erroneous fail light indication.		501-142 0-01
SA-340A	SB501-142 0-2	Orig	4/1/1985	To prevent erroneous fail light indication.		501-142 0-01
SA-340A	SB501-142 0-3	Orig	9/1/1985	To provide transient suppresser diodes (VR1 and VR2) with a higher zener voltage level (74.7V Vs. 33V).		501-142 0-01
SA-340A	SB501-142 0-4	Orig	6/1/1991	To compensate for tolerance shifts resulting in inability to set torque.		501-142 0-01
SA-340A	SB501-142 0-5	Orig	3/14/2003	Sleeve bearing chatters and is noisy when dry.		501-142 0-01
SA-340A	SB501-142 0-6	A	3/12/2010	Product improvement to eliminate possibility of slip clutch failures.		501-142 0-01
VG-204AB	SB501-145 3-1	Orig	10/1/1988	To reduce EMI.		501-145 3-01
VG-204AB	SB501-145 3-2	Orig	11/1/1993	MOD 2 - To reduce pitch kicks. MOD 3 - To reduce output variations		501-145 3-01
VG-204AB	SB501-145 3-3	A	9/1/1994	To reduce environmental effects of vibration and shock.		501-145 3-01
VG-204AB	SB501-145 3-4	C	2/17/2004	To improve drift performance and eliminate potential of spring on pitch axis from rubbing on shield of bearing.		501-145 3-01

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VG-204AB	SB501-1453-5	A	12/1/2000	Improve reliability of connection.		501-1453-01
ETM-600A	SB501-1460-1	Orig	7/26/2005	To improve power distribution and insure proper operation.		501-1460-01
ETM-600A	SB501-1460-2	Orig	12/1/1986	To improve power distribution and insure proper operation.		501-1460-01
SI-1000G	SB501-1475-1	Orig	5/1/1989	To improve frequency stability during "stand alone" operation.		501-1475-01
SI-1000G	SB501-1475-2		3/1/1992	To improve frequency stability when the inverter is used as a stand alone.		501-1475-01
SI-1000G	SB501-1475-3	Orig	3/1/1992	To insure proper auxiliary power supply operation under parallel inverter and remote turn-off conditions.		501-1475-01
SI-1000G	SB501-1475-4	Orig	3/1/1992	To replace wet tantalum capacitors with solid tantalum capacitors.		501-1475-01
SA-341A SPS-341A	SB501-1478-1	Orig	8/1/1987	To prevent fail indication caused by difference in torque motor DC values.		501-1478-01
SA-341D SA-341E	SB501-1478-10	A	7/21/2008	To ensure the integrity of one circuit board track		501-1478-04 501-1478-05
SA-341 D SA-341 E	SB501-1478-11	B	5/18/2009	To Improve rigidity of clutch field anti-rotation stop		501-1478-04 501-1478-05
SA-341 B SA-341 C	SB501-1478-12	A	5/18/2009	To Improve rigidity of clutch field anti-rotation stop		501-1478-02 501-1478-03
SA-341 D SA-341 E	SB501-1478-13	A	11/8/2012			501-1478-04 501-1478-05
SA-341A SPS-341A	SB501-1478-2	Orig	9/1/1988	To prevent possible shorting of Q1 on the A1 CCA to J1 connector mounting hardware.		501-1478-2
SA-341A SPS-341A	SB501-1478-3	A	11/21/2008	To allow for wider tolerance motor.		501-1478-01
SA-341A SPS-341A	SB501-1478-4	Orig	3/1/1992	To insure compatibility of threaded parts and prevent possible damage to internal mechanism.		501-1478-01
SA-341A SA-341C SA-341D	SB501-1478-5	A	5/1/1999	To insure proper retention of servo- motor gear to motor shaft. Refer to SB501-1478-7.		501-1478-01 501-1478-03 501-1478-04

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SA-341D	SB501-147 8-6	A	2/1/1998	Product improvement to reduce the effects of vibration		501-147 8-04
SA-341A SA-341C SA-341D	SB501-147 8-7	Orig	5/1/1999	To strengthen shaft-gear joint.		501-147 8-01 501-147 8-03 501-147 8-04
SA-341B SA-341C SA-341D SA-341E	SB501-147 8-8	Orig	10/1/2000	To provide a revised method of retaining cover assembly screws.		501-147 8-02 501-147 8-03 501-147 8-04 501-147 8-05
SA-341C	SB501-147 8-9	A	7/21/2008			501-147 8-03
AC-180A	SB501-148 2-1	Orig	11/1/1990	To reduce "Dim" Annunciator light brightness.		501-148 2-01
SA-350A	SB501-148 3-1	A	5/1/1999	To prevent A2-Q1 breakdown due to inductive kick from servo motor and improve fail warning system.		501-148 3-01
SA-350A SA-350B	SB501-148 3-2	A	4/27/2016	To insure proper retention of motor gear to shaft.		501-148 3-01 501-148 3-02
SA-350B	SB501-148 3-3	A	12/3/2013	SA-350B MOD 2		501-148 3-02
SA-350A SA-350B	SB501-148 3-4	B	4/27/2016	SA-350A & B MOD 3		501-148 3-01 501-148 3-02
DG-710A	SB501-151 5-1	Orig	8/1/1987	To improve stabilization of heading output signals.		501-151 5-01
DG-710A DG-710C	SB501-151 5-10	A	5/1/1991	To prevent fast leveling from stopping or reversing directions at large gimbal angles.		501-151 5-01 501-151 5-02
DG-710A DG-710C	SB501-151 5-11	B	8/28/2002	New cable assemblies have a double prong contact that maintains cable connection security and low ohmic values of digital ground.		501-151 5-01 501-151 5-02
DG-710A	SB501-151 5-12	Orig	10/1/2001	Eliminate noise on 26Vac output.		501-151 5-01

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	SB501-1515-13	A	12/8/2015			
DG-710A	SB501-1515-2	Orig	2/1/1988	To prevent premature time-out of gyro start-run circuit.		501-1515-01
DG-710A	SB501-1515-3	Orig	11/1/1988	To prevent oscillation when Micro Power device is used for U14.		501-1515-01
DG-710A	SB501-1515-4	Orig	12/1/1988	To eliminate EMI coupling between T1 and circuit board ground tracks.		501-1515-01
DG-710A	SB501-1515-5	A	9/1/1990	Cancellation of Mod 5. This modification was Refer to Mod 7, which has been disseminated in SB501-1515-7.		501-1515-01
DG-710A	SB501-1515-6	Orig	1/1/1990	To minimize ground current interaction randomly resulting in compass errors.		501-1515-01
DG-710A	SB501-1515-7	A	1/1/1996	To improve random drift characteristics.		501-1515-01
DG-710A	SB501-1515-8	Orig	8/1/1990	To lower operating voltage, making +/-15 volt regulator isolation diodes more effective at reducing noise, resulting in reduction of possible compass errors.		501-1515-01
DG-710A DG-710C	SB501-1515-9	A	5/1/1991	To prevent noise from entering the discrete inputs, to prevent possible peripheral port interface damage, and to prevent relay chatter upon power up.		501-1515-01 501-1515-02
CT-710A CT-710B DGS-710	SB501-1517-1	B	10/1/1995	Installation of new thread forming inserts into the Integrally Illuminated Information Panel that prevents panel and inserts from separating.		501-1517-01 501-1517-02
SA-151D	SB501-1535-4	Orig	7/1/1997	To insure proper retention of Pinion Gear to DC Servo Motor shaft.		501-1535-04
AI-340 AI-340B AI-340C	SB501-1539-1	A	4/13/1994	Reduce roll slip ring and brush block current		501-1539-01 501-1539-02
AI-340 AI-340B AI-340C	SB501-1539-2	Ori	9/11/1995	To prevent possible interference between lighting wedge and inclinometer		501-1539-01 501-1539-02
CA-530H CA-530J	SB501-1553-1	Orig	6/1/1990	To provide for use of a capacitor with improved reliability.		501-1553-01 501-1553-02
CA-530H CA-530J	SB501-1553-2		7/26/2005	None		501-1553-01

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CA-530H CA-530K	SB501-155 3-3	Orig	3/1/1992	To update CA-530H, part number 501-1553-01, to CA-530K, part number 501-1553-03.		501-1553-02 501-1553-01 501-1553-03
CA-530J	SB501-155 3-4	Orig	3/1/1992	To update CA-530J, part number 501-1553-02 to CA-530K, part number 501-1553-03.		501-1553-02
ADI-330A ADI-330B ADI-330C ADI-330D ADI-330E ADI-330F ADI-330G ADI-330H ADI-330J ADI-330K ADI-330L ADI-330M ADI-330N ADI-330P ADI-330R ADI-330S ADI-330V	SB501-156 6-1	B	9/1/1993	To prevent possible degradation of flag relay contacts which may result in improper or intermittent flag operation.		501-1566-01 501-1566-02 501-1566-03 501-1566-04 501-1566-05 501-1566-06 501-1566-07 501-1566-08 501-1566-09 501-1566-10 501-1566-11 501-1566-12 501-1566-13 501-1566-14 501-1566-15 501-1566-16 501-1566-19
ADI-330( )	SB501-156 6-2	A	1/1/1995	MOD 5 prevents possible intermittent flags due of over voltage conditions at the input to the attitude indicator.		501-1566-()
ADI-330( )	SB501-156 6-3	Orig	7/1/1997	To replace caging shaft with stronger, standardized part on the 502-1380-() indicator assemblies.		501-1566-()

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ADI-330( )	SB501-1566-4	Orig	1/1/1999	To prevent loss of caging shaft retaining rings.		501-1566-()
ADI-330( )	SB501-1566-5	Orig	7/19/2002	Reduce possibility of gear slippage.		501-1566-()
ADI-331( )	SB501-1567-1	Orig	9/1/1999	To prevent possible undesirable flag and pointer activity caused by induced noise upon activation of power failure flag switching circuit when caging the indicator.		501-1567-()
ADI-331( )	SB501-1567-2	Orig	2/1/1997	To replace caging shaft with stronger, standardized part on the 502-1381-01 indicator assembly.		501-1567-()
ADI-331( )	SB501-1567-3	Orig	1/8/1999	Incorporation of MOD 4 by cutting pads joining leads of A2L5. Change restores EMI protection to qualified configuration.		501-1567-()
ADI-333B ADI-333K	SB501-1567-4	Orig	6/16/2002	To prevent loss of caging shaft retaining rings.		501-1567-02 501-1567-10
ADI-331( )	SB501-1567-5	Orig	6/16/2002	Reduce possibility of Gear slippage by the incorporation of MOD 4 or 5 (model dependant) by replacing Face Gear P/N: 571-1550-01 with P/N: 571-1741-01.		501-1567-()
ADI-331( )	SB501-1567-6	B	10/23/2009	Incorporation of MOD 5 or 6 (dependant on unit part number) to prevent spurious Watchdog Interrupts, which causes G/S and ILS Flags to flutter		501-12567-()
AI-330	SB501-1568-1	D	10/11/1999	To prevent intermittent flags due to overvoltage condition.		501-1568-()
AI-330A AI-330AE	SB501-1568-10	A	12/13/2007	Limited Quantity of non-conforming parts		501-1568-01 501-1568-28
AI-330A AI-330AE	SB501-1568-10	A	12/26/2007	Planning Information		501-1568-01 501-1568-28
AI-330( )	SB501-1568-2	A	5/1/1997	To replace caging shaft with stronger, standardized part on the 502-1364-( ) and 502-1448-( ) indicator assemblies.		501-1568-()
AI-330( )	SB501-1568-3	C	3/14/2003	To prevent loss of caging shaft retaining rings.		501-1568-()
AI-330BB	SB501-1568-4	A	5/1/2001	To reduce tendency of erector weight to stick.		501-1568-48
AI-330AL	SB501-1568-5	A	9/15/2011	Incorporation ID plates with bar code information.		501-1568-34
AI-330BB	SB501-1568-6	Orig	5/1/2001	Improve reliability of erection system.		501-1568-48
AI-330AE AI-330BK	SB501-1568-7	A	7/19/2002	To improve paint adhesion.		501-1568-28 501-1568-56

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AI-330AE AI-330BK	SB501-156 8-8	Orig	7/19/20 02	Remove lacquer paint from bezel and knob to eliminate peeling paint during tape test.		501-156 8-28 501-156 8-56
AI-330()	SB501-156 8-9	Orig	7/19/20 02	Reduce possibility of gear slippage.		501-156 8-()
AI-804BF AI-804BZ	SB501-164 8-1	A	12/1/20 00	New erector is a simplified design.		501-164 8-01 501-164 8-02
AI-804BF AI-804BZ	SB501-164 8-2	Orig	12/1/20 00	Improve reliability of erection system.		501-164 8-01 501-164 8-02
AI-804BF AI-804BZ	SB501-164 8-3	Orig	4/17/20 02	Reliability improvement. New part has strengthened locking tang.		501-164 8-01 501-164 8-02
AI-804BZ	SB501-164 8-4	A	12/13/2 007	Limited quantity of non-conforming parts		501-164 8-02
SA-360D	SB501-164 8-7	A	11/8/20 12	Inspect for out of tolerance part		501-168 4-04
DG-710B	SB501-165 3-1	Orig	5/1/200 1	To prevent possible damage to A4U1 programmable microcircuit.		501-165 3-01
DG-710B	SB501-165 3-2	Orig	9/26/20 01	To provide for use of replacement voltage regulator (U2) for device no longer procurable.		501-165 3-01
DG-710B	SB501-165 3-3	Orig	5/1/200 1	Eliminate noise on 26 Vac output.		501-165 3-01
ADI-332( )	SB501-165 6-1	B	8/1/199 5	Mod 1 prevents possible degradation of flag relay contacts, which may result in improper or intermittent flag operation. Mod 2 prevents possible degradation of back course engage relay contacts, which may result when switching from back course mode annunc		501-165 6-()
ADI-332( )	SB501-165 6-2	A	8/1/199 5	Mod 3 prevents a possible short circuit condition between Meter Switching Circuit Card Assembly (A8) power ground and housing and plate assembly, which may cause undesirable chassis ground connections.		501-165 6-()
ADI-332( )	SB501-165 6-3	A	8/1/199 5	Mod 5 prevents possible intermittent flags due to over voltage conditions at the input to the attitude indicator.		501-165 6-()
ADI-332( )	SB501-165 6-4	Orig	6/1/199 5	Mod 4 prevents possible failure of the ILS function switch and bracket assembly because of switch damage or shaft separation, which is normally caused by excessive force on the ILS function knob during ILS mode selection.		501-165 6-()
ADI-332( )	SB501-165 6-5	Orig	2/1/199 7	To replace caging shaft with stronger, standardized part on the 502-1413-01 thru -04 indicator assemblies.		501-165 6-()
ADI-332( )	SB501-165 6-6	A	1/22/20 03	To prevent loss of caging shaft retaining rings.		501-165 6-()

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ADI-332 ( ) ADI-332A ADI-332B ADI-332C ADI-332D ADI-332E	SB501-165 6-7	Orig	3/14/20 03	Reduce possibility of gear slippage.		501-165 6-( ) 501-165 6-01 501-165 6-02 501-165 6-03 501-165 6-04 501-165 6-05
AI-333 A	SB501-165 7-1	A	1/22/20 03	To prevent switch damage and shaft separation.		501-165 7-01
ADI-333 A	SB501-165 7-2	B	1/22/20 03	To replace the caging shaft with stronger, standardized part on indicator assembly (P/N 502-1414-01).		501-165 7-01
ADI-333A ADI-333B	SB501-165 7-3	A	9/6/200 2	To prevent loss of caging shaft retaining ring.		501-165 7-01 501-165 7-02
ADI-333B	SB501-165 7-4	B	1/22/20 03	Reduce possibility of bearing damaging sphere housing.		501-165 7-02
ADI-333B	SB501-165 7-5	A	9/22/20 03	Improve gear tooth engagement to reduce occurrence of slipped Spheres.		501-165 7-02
ADI-333B	SB501-165 7-6	B	7/20/20 09	To reduce oscillation on the 15V and 5V power supplies.		501-165 7-02
ADI-333B	SB501-165 7-7	Orig	9/24/20 03	Improve gear tooth engagement to reduce occurrence of slipped Spheres and to ensure that the screws are replaced to prevent them from backing out.		501-165 7-02
ADI-333A	SB501-165 7-8	B	10/23/2 09	Incorporation of MOD 4 to prevent spurious Watchdog Interrupts, which causes G/S and ILS Flags to flutter		501-165 7-01
CA-401C CA-401D CA-401E	SB501-166 1-11	A	3/14/20 08	REPLACEMENT OF SWITCH ON COMPUTER PCB		501-166 1-03 501-166 1-04 501-166 1-05
SA-401A	SB501-166 2-1	Orig	1/31/19 92	To insure proper servo actuator operation when the servo is subjected to temperature extremes.		501-166 2-01
SA-401A	SB501-166 2-10	Orig	10/3/20 00	To improve output gear impact strength.		501-166 2-01
SA-401A	SB501-166 2-11	A	11/30/2 006	Provide replacement part for a device no longer procurable.		501-166 2-01
SA-401A	SB501-166 2-2	Orig	2/20/19 92	To provide rebias for high noise, reduction in friction levels and improve producibility.		501-166 2-01



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SA-401A	SB501-166 2-3	Orig	3/20/19 92	To incorporate A1 Mod 3 replacing Servo Actuator CCA.		501-166 2-01
SA-401A	SB501-166 2-4	Orig	3/20/19 92	To incorporate Mod 4, replacing actuator assembly B1 motor.		501-166 2-01
SA-401A	SB501-166 2-5	Orig	3/4/199 3	To insure proper connector bracket retention.		501-166 2-01
SA-401A	SB501-166 2-6	Orig	3/4/199 3	To insure that maximum output torque level can be maintained.		501-166 2-01
SA-401A	SB501-166 2-7	Orig	1/26/19 95	To improve the reliability of terminal block solder joints on filter circuit card assembly A1A2.		501-166 2-01
SA-401A	SB501-166 2-8	A	11/30/2 006	To provide replacement part for part no longer available.		501-166 2-01
SA-401A	SB501-166 2-9	Orig	5/1/200 0	Improve axial stability of gear. .		501-166 2-01
SI-1500L	SB501-166 6-1	Orig	3/29/20 04	To prevent possible Circuit Card damage under extreme vibration conditions.		501-166 6-01
SI-1500L	SB501-166 6-2	A	3/31/20 04	To improve reliability of R35 Frequency Adjust variable resistor by minimizing effects of stress/strain.		501-166 6-01
SI-1500L	SB501-166 6-3	A	3/31/20 04	To provide a transformer design with improved noise characteristics.		501-166 6-01
SI-1500L	SB501-166 6-4	A	8/21/20 03	To increase accuracy of phase lock.		501-166 6-01
SI-1500L	SB501-166 6-5	B	6/5/201 2			501-166 6-01 501-166 6-02
SI-1500L	SB501-166 6-6	B	11/28/2 011	Replacing Q1 & Q2		501-166 6-01 501-166 6-02
AC-685A AC-685C AC-865B	SB501-167 9-5	Orig	5/15/20 02	Provide a replacement for a part that is no longer procurable.		501-167 9-01 501-167 9-02 501-167 9-03
PS-834A	SB501-168 2-1	B	5/8/200 6	To prevent possible internal short circuit within the battery assembly, that may have occurred during assembly, and could result in a loss of battery power.		501-168 2-01
PS-834A	SB501-168 2-2	A	7/18/20 01	To provide replacement parts for devices no longer available.		501-168 2-01
PS-834A PS-834B	SB501-168 2-3	Orig	5/1/200 1	Provide replacement part for a device no longer procurable.		501-168 2-01

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PS-834A PS-834B	SB501-168 2-4	Orig	7/18/2001	Provide replacement part for a device no longer procurable.		501-168 2-02 501-168 2-01 501-168 2-02
PS-834A PS-834B	SB501-168 2-5	Orig	5/15/2003	To add warning instructions for proper care and maintenance of battery pack to prevent voiding warranty.		501-168 2-01 501-168 2-02
PS-834 B PS-834A	SB501-168 2-6	D	11/21/2011	To prevent Q16 from overheating.		501-168 2-01 501-168 2-02
SA-360C	SB501-168 4-1	A	5/21/1999	Insure proper retention of pinion gear to DC Servo Motor shaft		501-168 4-03
SA-360C SA-360D	SB501-168 4-2	Orig	5/1/1999	To strengthen shaft-gear joint.		501-168 4-03 501-168 4-04
SA-360C SA-360D	SB501-168 4-3	Orig	10/2/2000	To provide an alternate method of retaining cover assembly screws.		501-168 4-03 501-168 4-04
SA-360D	SB501-168 4-4	A	11/2/2001	Improve the dynamic operation by adding filter capacitors to prevent unwanted oscillations from A1U1, A1Q1, and A1Q2.		501-168 4-04
SA-360D	SB501-168 4-5	Orig	9/14/2004	To improve reliability of Switch S1.		501-168 4-04
SA-360 C SA-360 D	SB501-168 4-6	A	5/12/2009	Set Screw Replacement		501-186 4-03 501-186 4-04
SA-360D	SB501-168 4-7	A	11/8/2012	Inspect for out of tolerance part		
CA-460B CA-460C	SB501-170 8-5	A	5/1/2001	To provide replacement voltage regulator for device no longer procurable.		501-170 8-02 501-170 8-03
SA-460B SC-460C	SB501-170 8-6	Orig	5/1/2001	Eliminate possibility of crystal oscillator shorting to via hole, or damaging solder mask.		501-170 8-02 501-170 8-03
CA-460B CA-460C	SB501-170 8-7	Orig	9/26/2001	To change Amplifier gain to move rudder pedal force command readings closer to the nominal value within the range.		501-170 8-02

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CA-460B CA-460C	SB501-170 8-8	A	3/14/2008	REPLACEMENT FOR SWITCH AND PRIMARY PROCESSOR BOARD		501-170 8-03 501-170 8-( ) 501-170 8-02 501-170 8-03
AI-803BU	SB501-171 0-1	Orig	12/3/1999	Removal of external label from unit.		501-171 0-01
SA-460B	SB501-171 1-1	Orig	1/1/1993	To eliminate possible shorting between heat sink and circuit card tracks.		501-171 1-02
SA-460B	SB501-171 1-2	Orig	7/1/1994	To compensate for changes in P-channel transistors.		501-171 1-02
SA-460B	SB501-171 1-3	Orig	7/1/1996	This modification will prevent possible interference between Torque Control Circuit Card Assembly (mounted on brackets being replaced) and motor housing.		501-171 1-02
SA-460B	SB501-171 1-4	Orig	4/1/1998	To provide replacement part for part no longer available.		501-171 1-02
SA-460B	SB501-171 1-5	Orig	5/1/2000	Improve axial stability of gear.		501-171 1-02
SA-460B	SB501-171 1-6	Orig	10/1/2000	To improve output gear impact strength.		501-170 0-02
SA-460B	SB501-171 1-7	Orig	10/16/2001	Provide replacement part for a device no longer procurable.		501-171 1-02
SA-460B	SB501-171 1-8	Orig	5/1/2001	Provide replacement part for a device no longer procurable.		501-171 1-02
PS-855B	SB501-171 2-1	Orig	5/1/2001	To prevent possible internal short circuit within battery which may occur during assembly and could result in loss of battery power.		501-171 2-02
PS-855A PS-855B PS-855C PS-855D	SB501-171 2-10	D	9/9/2001	To inform customers of lowered battery storage capacity for specific units installed between November 1, 2004 through March 31, 2005.		501-171 2-01 501-171 2-02 501-171 2-03 501-171 2-04
PS-855 PS-855A PS-855B PS-855C PS-855D	SB501-171 2-11	B	8/19/2010	PS-855 Prevent Short Circuits		501-171 2-( ) 501-171 2-01 501-171 2-02 501-171 2-03

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PS-850( ) PS-855( )	SB501-171 2-2	Orig	11/1/19 93	To insure proper remote test lamp illumination when other than the BFG recommended installation configuration is used.		501-171 2-04 501-171 2-( ) 501-171 9-( )
PS-855A PS-855B	SB501-171 2-3	Orig	10/26/1 995	To insure positive battery retention under all component tolerance conditions.		501-171 2-01 501-171 2-02
PS-855A PS-855B	SB501-171 2-4	A	8/13/19 97	To prevent possible low battery capacity indication. Present calibration setting may exhibit low capacity indication with actual capacities in excess of 50%.		501-171 2-01 501-171 2-02
PS-855C	SB501-171 2-5	Orig	12/1/19 97	To allow unit to meet DO-160C, Section 20, Category Y for 200.0 V/meter.		501-171 2-03
PS-855A PS-855B PS-855C	SB501-171 2-6	Orig	7/12/20 01	To provide replacement parts for devices that are no longer available.		501-171 2-01 501-171 2-02 501-171 2-03
PS-855A PS-855B PS-855C	SB501-171 2-7	Orig	8/1/200 2	Provide positive stop for battery to prevent movement under sever shock.		501-171 2-01 501-171 2-02 501-171 2-03
PS-855A PS-855B PS-855C	SB501-171 2-8	B	12/12/2 013	To reduce susceptibility of the heater circuit to overheating of Q5 and Q6 transistors on the A2 circuit card.		501-171 2-01 501-171 2-02 501-171 2-03
PS-855A PS-855B PS-855C	SB501-171 2-9	Orig	5/15/20 03	To add warning instructions for proper care and maintenance of battery pack to prevent voiding warranty.		501-171 2-01 501-171 2-02 501-171 2-03
PS-850B	SB501-171 9-1	Orig	5/1/200 1	To prevent possible internal short circuit within battery which may occur during assembly and could result in loss of battery power.		501-171 9-02
PS-850 PS-850A PS-850B	SB501-171 9-10	B	8/19/20 10	Prevent Short Circuits		501-171 9-( )

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PS-850( )	SB501-1719-2	Orig	11/1/1993	To insure proper remote test lamp illumination when other than the BFG recommended installation configuration is used.		501-1719-01 501-1719-02
PS-850A PS-850B	SB501-1719-3	Orig	10/1/1995	To insure positive battery retention under all component tolerance conditions.		501-1719-01 501-1719-02
PS-850A PS-850B	SB501-1719-4	A	3/2/1998	To prevent possible low battery capacity indication. Present calibration setting may exhibit low capacity indication with actual capacities in excess of 50%.		501-1719-01 501-1719-02
PS-850A PS-850B	SB501-1719-5	Orig	7/12/2001	Provide replacement parts for devices no longer available.		501-1719-01 501-1719-02
PS-850A PS-850B	SB501-1719-6	Orig	8/1/2002	Provide positive stop for battery to prevent movement under sever shock.		501-1719-01 501-1719-02
PS-850A PS-850B	SB501-1719-7	B	12/12/2013	To reduce susceptibility of the heater circuit to overheating of Q5 and Q6 transistors on the A2 circuit card.		501-1719-01 501-1719-02
PS-850A PS-850B	SB501-1719-8	Orig	5/15/2003	To add warning instructions for proper care and maintenance of battery pack to prevent voiding warranty.		501-1719-01 501-1719-02
PS-850A PS-850B	SB501-1719-9	A	4/12/2005	To inform customers of lowered battery storage capacity for specific units installed between November 1, 2004 through March 31, 2005.		501-1719-01 501-1719-02
CA-431B	SB501-1726-5	A	3/14/2008	REPLACEMENT FOR SWITCH AND PRIMARY PROCESSOR BOARD		501-1726-01
GH-3000 ( )	SB501-1741-1	Orig	12/1/1997	To prevent possible damage to unprotected sensor output pin.		501-1741-01
GH-3000( )	SB501-1741-10	Orig	6/1/2000	Provide recess for nameplates to prevent damage during installation or removal.		501-1741-01
GH-3000U	SB501-1741-11	Orig	6/1/2000	To incorporate new display glass.		501-1741-09
GH-3000( )	SB501-1741-12	Orig	6/1/2000	Reduce audio frequency noise susceptibility and provide additional isolation of rate sensors.		501-1741-01

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GH-3000( )	SB501-174 1-13	Orig	6/1/2000	Increase durability of keyboard assembly by using a pinned knob.		501-174 1-( )
GH-3000( )	SB501-174 1-14	Orig	6/1/2000	Increase isolation of energy storage board and case.		501-174 1-( )
GH-3000( )	SB501-174 1-15	Orig	7/19/2002	Product Improvement		501-174 1-( )
GH-3000( )	SB501-174 1-16	A	2/12/2003	Utilize more reliable connector on 16-BIT A/D CCA.		501-174 1-( )
GH-3000( )	SB501-174 1-17	A	2/12/2003	New Keyboard assembly that is easier to manufacture and repair.		501-174 1-( )
GH-3000( )	SB501-174 1-18	Orig	2/11/2003	To correct startup errors for level Sensor Self Test.		501-174 1-( )
GH-3000( )	SB501-174 1-19	B	11/24/2008	Provide replacement display due to diminishing source.		501-174 1-( )
GH-3000 ( )	SB501-174 1-2	Orig	12/1/1997	To improve A2 Sensor Assembly output stability which provides constant calibration characteristics and overall attitude performance.		501-174 1-( )
GH-3000( )	SB501-174 1-20	Orig	8/20/2003	Provide additional screw depth engagement in sensor mounting bracket.		501-174 1-( )
GH-3000( )	SB501-174 1-21	Orig	3/25/2004	Better manufacturing of GH-3000 by replacing energy storage board and cover.		501-174 1-( )
GH-3000( )	SB501-174 1-22	A	5/20/2004	Manufacturing Change. Produce a universal lighting controller.		501-174 1-( )
GH-3000( )	SB501-174 1-23	Orig	5/20/2004	Manufacturing Change. Provide replacement for Pitch Rate Sensor Flex.		501-174 1-( )
GH-3000( )	SB501-174 1-24	Orig	5/20/2004	Manufacturing Change. Provide replacement for Roll Rate Sensor Flex.		501-174 1-( )
GH-3000( )	SB501-174 1-25	Orig	5/20/2004	Manufacturing Change. Provide replacement for Yaw Rate Sensor Flex.		501-174 1-( )
GH-3000( )	SB501-174 1-26	Orig	5/20/2004	Manufacturing Change. Consolidation to a single level sensor.		501-174 1-( )
GH-3000	SB501-174 1-27	D	1/2/2007	To reduce the possibility of the display blanking or failing at start up.		501-174 1-( )
GH-3000	SB501-174 1-28	A	2/15/2006	To reduce the possibility of the display blanking or disruption.		501-174 1-( ) 501-174 1-01 501-174 1-0102 501-174 1-0103 501-174 1-09

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						501-174 1-2102 501-174 1-2103 501-174 1-2104 501-174 1-3293 501-174 1-4103
GH-3000	SB501-174 1-29	D	11/24/2008	Provide replacment display due to diminishing source.		501-174 1- 501-174 1-( )
GH-3000 ( )	SB501-174 1-3	Orig	12/1/1997	To eliminate possible display vertical scrolling by establishing pseudo synchronization of display operating frequencies.		501-174 1-( )
GH-3000	SB501-174 1-30	D	11/25/2008	Provide replacement display due to diminishing source.		501-174 1- 501-174 1-( )
GH-3000	SB501-174 1-31	A	8/3/2007	Remove fan failure message		501-174 1-0103 501-174 1-0203 501-174 1-0303 501-174 1-0403 501-174 1-0503 501-174 1-0603 501-174 1-0703 501-174 1-0803 501-174 1-2103 501-174 1-2203 501-174 1-2303 501-174 1-2403 501-174 1-2503

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GH-3000	SB501-174 1-32	B	5/7/2012			501-174 1-09 501-174 1-2102 501-174 1-2103 501-174 1-2104 501-174 1-2105 501-174 1-2202 501-174 1-2203 501-174 1-2204 501-174 1-2302 501-174 1-2303 501-174 1-2304



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GH-3000	SB501-1741-33	A	2/28/2012	To improve low light level calibration linearity		501-1741-4803
GH-3000	SB501-1741-34	B	3/26/2014			501-1741-3103
GH-3000 ( )	SB501-1741-4	Orig	12/1/1997	To provide for use of fan with improved reliability.		501-1741-( )
GH-3000 ( )	SB501-1741-5	Orig	12/1/1997	To establish proper circuit filtering which minimizes both roll and pitch level signal changes as seen on the ARINC-429 level output signals.		501-1741-( )
GH-3000 ( )	SB501-1741-6	Orig	12/1/1997	To eliminate possible detrimental effects of reverse bias applied to level sensor filter capacitors.		501-1741-( )
GH-3000( )	SB501-1741-7	Orig	12/4/1998	To insure proper interface between keyboard circuit card contacts and keyboard flex finger terminations.		501-1741-( )
GH-3000( )	SB501-1741-8	A	6/1/2000	To replace energy storage board with improved version.		501-1741-( )
GH-3000( )	SB501-1741-9	Orig	6/1/2000	Improve EMI performance		501-1741-( )
AI-350B	SB501-1745-1	Orig	12/1/1996	To replace caging shaft with stronger, standardized part on the 502-1457-01 indicator assembly.		501-1745-01
AI-350B	SB501-1745-2	Orig	7/25/2003	Reduce possibility of gear slippage.		501-1745-01
AI-804CD	SB501-1748-1	A	2/8/2016	Replace Airplane P/N 565-1709-07 with Airplane P/N 565-1709-08.		501-1748-01
AI-804CD	SB501-1748-2	B	2/8/2016	Reduce tendency of erector weight to stick.		501-1748-01
AI-804CD	SB501-1748-3	A	2/8/2016	Improve reliability of erection system.		501-1748-01
AI-804CD	SB501-1748-4	A	2/8/2016	Reliability improvement. New part has strengthened locking tang.		501-1748-01
AI-804CD	SB501-1748-5	B	2/8/2016			501-1748-01
ADI-335( )	SB501-1753-1	Orig	5/1/1997	Manufacturers discontinuation of the (A-K) light sensitive resistor in auto dimming control of display brightness.		501-1753-( )
ADI-335	SB501-1753-2	Orig	5/1/1997	Provide the proper operation of DME (A-K) hold function when unit is operated with scanning DME in conjunction with ARINC output type equipment.		501-1753-( )
ADI-335	SB501-1753-3	Orig	5/22/2001	Change caging shaft for increased strength.		501-1753-( )
ADI-335	SB501-1753-4	Orig	5/22/2001	Prevent possible undesirable flag/pointer activity caused by induced noise upon activation of power failure flag switching circuit when caging indicator.		501-1753-( )
ADI-335A ADI-335B ADI-335C	SB501-1753-5	B	1/23/2008	ADI-335 MOD 6		501-1753-01

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ADI-335H						501-175
ADI-335J						3-04
ADI-335K						501-175
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						3-16
						501-175
						3-17
						501-175
						3-18
ADI-335D	SB501-175 3-6	A	1/23/20 08	Limited quantity of non-conforming parts		501-175
AI-350C	SB501-175 7-1	Orig	7/24/20 00	Reduce the possibility of bearing damaging sphere housing.		501-175
AI-350AB AI-350AC AI-350C	SB501-175 7-2	Orig	9/6/200 2	Reduce possibility of gear slippage.		501-175
						7-01
						501-175
						7-02
						501-175
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SA-380( )	SB501-177 0-1	Orig	10/1/20 00	To provide an alternate method of retaining cover assembly screws.		501-177
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SA-380 SA-380A SA-380B SA-380C SA-380D SA-380E	SB501-177 0-2	A	7/21/2008	Planning Information		501-177 0-( ) 501-177 0-01 501-177 0-02 501-177 0-03 501-177 0-04 501-177 0-05
SA-380 A SA-380 B SA-380 C SA-380 D SA-380 E	SB501-177 0-3	A	5/6/2009	To improve rigidity of clutch field anti-rotation stop		501-177 0-01 501-177 0-02 501-177 0-03 501-177 0-04 501-177 0-05
SA-380 A SA-380 C SA-380 D SA-380 E	SB501-177 0-4	A	11/9/2012	Inspect for out of tolerance part		501-177 0-01 501-177 0-03 501-177 0-04 501-177 0-05
DB-380( )	SB501-177 1-1	Orig	5/15/2003	To provide the consistency of the slip clutch torque setting.		501-177 1-( ) 501-177 1-01
AI-350J	SB501-179 0-1	Orig	7/1/2000	Reduce the possibility of bearing damaging sphere housing.		501-179 0-01
ADC-3000	SB501-179 7-1	A	3/14/2003	Stabilize air data sensors.		501-179 7-( ) 501-179 7-01 thru -61
ADC-3000	SB501-179 7-2	B	2/11/2009	Correct intermittent air data invalidities. [Inspect for Mod D or higher identification on Rosemount ID plate].		501-179 7-01 thru -71

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501-1797-68 501-1797-68 thru -76 501-1797-78 ADC-3000	SB501-179 7-3	B	12/3/20 08	To eliminate intermittent air data invalidities after extended period of flight.		501-179 7-() 501-179 7-00 thru -64 501-179 7-66 501-179 7-68 thru -76 501-179 7-78
AI-804CK	SB501-179 8-1	A	12/1/20 00	New erector is a simplified design.		501-179 8-01
AI-804CK	SB501-179 8-2	Orig	12/1/20 00	Improve reliability of erection system.		501-179 8-01
AI-804CK	SB501-179 8-3	Orig	4/22/20 02	Reliability improvement. New part has strengthened locking tang.		501-179 8-01
DCM-3000	SB501-180 3-1	A	5/10/20 10	To provide missing labeling information		501-180 3
AI-803CM	SB501-180 6-1	A	12/1/20 00	New erector is a simplified design.		501-180 6-01
AI-803CM	SB501-180 6-2	Orig	12/1/20 00	Improve reliability of erection system.		501-180 6-01
AI-804CN	SB501-181 1-1	A	5/1/200 1	Reduce tendency of erector weight to stick.		501-181 1-01
AI-804CN	SB501-181 1-2	Orig	5/1/200 1	Improve reliability of erection system.		501-181 1-01
AI-804CP	SB501-181 2-1	A	5/1/200 1	Reduce tendency of erector weight to stick.		501-181 2-01
AI-804CP	SB501-181 2-2	Orig	5/1/200 1	Improve reliability of erection system.		501-181 2-01
AI-350R	SB501-181 7-1	Orig	7/1/200 0	Reduce the possibility of bearing damaging sphere housing.		501-181 7-01
AI-350R	SB501-181 7-2	Orig	6/11/20 02	Improve gear tooth engagement to reduce occurrence of slipped spheres.		501-181 7-01
AI-350AD AI-350R	SB501-181 7-3	B	7/14/20 05	To reduce the possibility of stress cracking of erection switches during temperature extremes an adhesive is being used to secure leads.		501-181 7-01 501-181 7-02
AI-803CT	SB501-182 1-1	Orig	5/15/20 01	Reduce tendency of erector weight to stick.		501-182 1-01
AI-803CT	SB501-182 1-2	Orig	5/1/200 1	Improve reliability of erection system.		501-182 1-01

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MAG-3000	SB501-182 6-1	A	4/15/2004	To provide strain relief for end of cable as it exits the unit.		501-182 6-01
MAG-3000	SB501-182 6-2	A	1/4/2005	Reduce corrosion effects inside MAG-3000.		501-182 6-01 501-182 6-02
MAG-3000	SB501-182 6-3	Orig	6/10/2004	To prevent magnetization of unit during shipping, handling, installation, or re-packaging.		501-182 6-01 501-182 6-02
MAG-3000	SB501-182 6-4	C	3/1/2007	Product improvement. To reduce possibility of damage if aircraft installation location environmental conditions exceed RTCA DO-160B section 1.0 Category W (drip-proof).		501-182 6-01 501-182 6-02
MAG-3000	SB501-182 6-6	A	9/19/2011	MAG-3000 Product Improvement		501-182 6-02
SIM-3000	SB501-182 7-11	B	12/1/2008	Provide replacement display due to diminishing source.		501-182 7-2302 501-182 7-2402
SIM-3000	SB501-182 7-13	A	3/18/2010	Planning Information		501-182 7-2104
SIM-3000	SB501-182 7-14	A	2/28/2012	To improve low light level calibration linearity		501-182 7-3103
SIM-3001	SB501-182 7-15	A	10/19/2012	Software Release 2.2		501-182 7-07
SIM-3000 SIM-3001 SIM-3002	SB501-182 7-16	B	4/19/2013	Inspect for SUP		501-182 7-0103 501-182 7-0203 501-182 7-07 501-182 7-08 501-182 7-09 501-182 7-2103 501-182 7-2104 501-182 7-2105 501-182 7-2193

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						501-182 7-2203 501-182 7-2293 501-182 7-2405 501-182 7-2503 501-182 7-2603 501-182 7-3103 501-182 7-3293
SIM-3000	SB501-182 7-17	A	11/6/20 14	Display Replacement		501-182 7-0103
SIM-3000	SB501-182 7-2	Orig	3/14/20 03	Improve durability of keyboard assembly.		501-182 7-01 501-182 7-02 501-182 7-03 501-182 7-04 501-182 7-06 501-182 7-2302 501-182 7-2402
SIM-3000	SB501-182 7-4	A	1/3/200 7	Provide replacement display due to diminishing source.		501-182 7-2103 501-182 7-2193 501-182 7-2203 501-182 7-2302 501-182 7-2402 501-182 7-2503 501-182 7-2603
SIM-3000	SB501-182 7-7	B	2/3/200 6	To reduce the possibility of the display blanking or failing at start up.		501-182 7-0103

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						501-182 7-0203 501-182 7-0283 501-182 7-07 501-182 7-08 501-182 7-2103 501-182 7-2104 501-182 7-2193 501-182 7-2203 501-182 7-2293 501-182 7-2503 501-182 7-2603
SIM-3000	SB501-182 7-8	A	2/15/20 06	To reduce the possibility of the display blanking or disruption.		501-182 7-0103 501-182 7-0203 501-182 7-0283 501-182 7-07 501-182 7-08 501-182 7-2103 501-182 7-2104 501-182 7-2193 501-182 7-2203 501-182 7-2293 501-182 7-2503 501-182 7-2603



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SIM-3000	SB501-1827-9	B	11/24/2008	Provide replacement display due to diminishing source.		501-1827-2103 501-1827-2104 501-1827-2193 501-1827-2203 501-1827-2293 501-1827-2503 501-1827-2603
AI-804CV	SB501-1828-1	A	12/1/2000	Reduce tendency of erector weight to stick.		501-1828-01
AI-804CV	SB501-1828-2	Orig	12/1/2000	Improve reliability of erection system.		501-1828-01
AI-804CV	SB501-1828-3	Orig	4/22/2002	Reliability improvement. New part has strengthened locking tang.		501-1828-01
AI-804CV	SB501-1828-4	A	12/13/2007	Limited quantity of non-conforming parts installed. High temp performance affected.		501-1828-01
AI-803DA	SB501-1832-1	A	12/13/2007	Limited Quantity of Non-Conforming Parts		501-1832-01
AI-804DA	SB501-1844-1	A	12/1/2000	New erector is a simplified design.		501-1844-01
AI-804DA	SB501-1844-2	Orig	12/1/2000	Improve reliability of erection system.		501-1844-01
AI-804DA	SB501-1844-3	Orig	4/22/2002	Reliability improvement. New part has strengthened locking tang.		501-1844-01
AI-803CY	SB501-1845-1	Orig	4/17/2002	Reliability improvement. New part has strengthened locking tang.		501-1845-01
AI-803CY	SB501-1845-2	A	12/13/2007	Limited Quantity of Non-Conforming Parts		501-1845-01
HSI-3000	SB501-1847-1	D	4/8/2010	Provide replacement display due to diminishing source.		501-1847-01 501-1847-02 501-1847-04
HSI-3000	SB501-1847-2	E	12/14/2010	Eliminate encoder out-of-range faults.		501-1847-01 501-1847-02

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HSI-3000	SB501-1847-3	C	4/8/2010	Prevent Acceptance Test Procedure [ATP] failures by ensuring Transformers [A12-T3] and [A12-T4] on the Transformer CCA (P/N 542-2779-02) are matched.		501-1847-04 501-1847-01 501-1847-02 501-1847-04
HSI-3000	SB501-1847-4	C	4/8/2010	Eliminate encoder out-of-range faults.		501-1847-01 501-1847-02 501-1847-04
HSI-3000	SB501-1847-5	C	4/8/2010	To reduce the possibility of the display blanking or failing at start up.		501-1847-04 501-1847-05
HSI-3000	SB501-1847-6	B	4/8/2010	Provide replacement display due to diminishing source.		501-1847-( )
HSI-3000	SB501-1847-7	D	5/5/2011	To correct deficiencies in hardware and software resulting in lost data during power interruptions.		501-1847-( )
EHSI-3000	SB501-1847-8	A	4/8/2010	Provide replacement display due to diminishing source.		501-1847-01 501-1847-04 501-1847-05
HSI-3000	SB501-1847-9	A	6/12/2012	SUP Inspection		501-1847 501-1847-01 501-1847-02 501-1847-03 501-1847-04 501-1847-05
AI-804DB	SB501-1848-1	A	12/6/2000	Reduce tendency of erector weight to stick.		501-1848-01
AI-804DB	SB501-1848-2	Orig	12/6/2000	Improve reliability of erection system.		501-1848-01

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AI-804DC	SB501-1849-1	Orig	4/17/2002	Reliability improvement. New part has strengthened locking tang.		501-1849-01
AI-804DC	SB501-1849-2	A	12/13/2007	Limited quantity of non-conforming parts installed. High temp performance affected.		501-1849-01
AI-804DD	SB501-1850-1	A	5/1/2001	Reduce tendency of erector weight to stick.		501-1850-01
AI-804DD	SB501-1850-2	Orig	5/1/2001	Improve reliability of erection system.		501-1850-01
GH-3001	SB501-1851-1	Orig	1/1/2000	Improve performance over temperature range.		501-1851-01
GH-3001	SB501-1851-10	Orig	7/19/2002	Product Improvement		501-1851-01
GH-3001	SB501-1851-11	A	3/14/2003	To provide better EMI protection for the unit.		501-1851-01
GH-3001	SB501-1851-12	Orig	2/11/2003	To correct startup errors for level Sensor Self Test. [Part Number 501-1851-2403, with 3.x software].		501-1851-2403
GH-3001	SB501-1851-13	Orig	3/14/2003	To provide better EMI protection for the unit.		501-1851-01 501-1851-2402 501-1851-2403 501-1851-2403
GH-3001	SB501-1851-14	A	12/17/2007	Superseded by SB501-1851-23		501-1851-01 501-1851-2402 501-1851-2403 501-1851-2403 501-1851-2404
GH-3001	SB501-1851-15	Orig	8/20/2003	Provide additional screw depth engagement in sensor mounting bracket.		501-1851-01 501-1851-2402 501-1851-2403 501-1851-2403 501-1851-2404
GH-3001	SB501-1851-16	Orig	5/20/2004	Manufacturing Change. New Energy Storage Board and Cover.		501-1851-01 501-1851-2402 501-1851-2403 501-1851-2403

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GH-3001	SB501-1851-17	Orig	5/20/2004	Manufacturing Change. Producing a universal Lighting controller.		501-1851-2404 501-1851-01 501-1851-2402 501-1851-2403 501-1851-2404
GH-3001	SB501-1851-18	A	2/3/2006	To provide replacement rate sensor flex.		501-1851-01 501-1851-2402 501-1851-2403 501-1851-2404
GH-3001	SB501-1851-19	A	2/3/2006	To provide replacement rate sensor flex.		501-1851-01 501-1851-2402 501-1851-2403 501-1851-2404
GH-3001A	SB501-1851-2	B	7/24/2013	Improve EMI performance.		501-1851-01
GH-3001	SB501-1851-20	A	2/3/2006	To provide replacement rate sensor flex.		501-1851-01 501-1851-2402 501-1851-2403 501-1851-2404
GH-3001	SB501-1851-21	C	12/17/2007	Superseded by SB-501-1851-23		501-1851-01 501-1851-2402 501-1851-2403 501-1851-2404

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GH-3001	SB501-185 1-22	A	2/15/20 06	To reduce the possibility of the display blanking or disruption.		501-185 1-01 501-185 1-2402 501-185 1-2403 501-185 1-2404
	SB501-185 1-23	A	12/17/2 007	To provide replacement display due to dimishing source		
GH-3001	SB501-185 1-24	B	12/11/2 015	To provide replacement display due to dimishing source		501-185 1-01 501-185 1-2402 501-185 1-2403 501-185 1-2404 501-185 1-2405
GH-3001A	SB501-185 1-3	A	4/17/20 12	To incorporate new display glass.		501-185 1-01 501-185 1-2405
GH-3001A	SB501-185 1-4	B	7/24/20 13	Reduce audio frequency noise susceptibility and provide additional isolation of rate sensors.		501-185 1-01
GH-3001A	SB501-185 1-5	B	7/24/20 13	Improve durability of keyboard assembly.		501-185 1-01
GH-3001A	SB501-185 1-6	Orig	6/1/200 0	Provide recess for nameplates to prevent damage during installation or removal.		501-185 1-01
GH-3001A	SB501-185 1-7	B	7/24/20 13	FPGA controlled addressing is required with software release 1.2.		501-185 1-01
GH-3001A	SB501-185 1-8	A	12/10/2 015	Increase isolation of energy storage board and case.		501-185 1-01 501-185 1-2405
GH-3001	SB501-185 1-9	B	7/24/20 13	Utilize more reliable connector on 16-Bit A/D CCA		501-185 1-01
VRS-3000	SB501-185 4-1	B	11/18/2 014	Add Pulse Width Modulation (PWM) to improve synchro output resolution.		501-185 4-1101 501-185 4-1201 501-185 4-1301

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VRS-3000	SB501-1854-2	B	11/18/2014	Prevent the decrease in synchro loopback voltage which could result in ATP or BIT test failure.		501-1854-1401 501-1854-1501 501-1854-1601 501-1854-( ) 501-1854-1101 501-1854-1201 501-1854-1301 501-1854-1401 501-1854-1501 501-1854-1601
VRS-3000	SB501-1854-3	B	11/18/2014	Correct Sensor Calibration.		501-1854-1101 501-1854-1201 501-1854-1301 501-1854-1401 501-1854-1501 501-1854-1601
VRS-3000	SB501-1854-4	A	10/18/2016	Software 1.2		501-1854-1101 501-1854-1201 501-1854-1301 501-1854-1401 501-1854-1501 501-1854-1601 501-1854-2101

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AI-350V	SB501-1856-01	A	1/23/2012	Reduce the possibility of bearing damaging sphere housing.		501-1856-01
AI-803DB	SB501-1857-02	A	12/13/2007	Limited Quantity of Non-Conforming Parts		501-1857-01
AI-803DB	SB501-1857-1	Orig	4/17/2002	Reliability improvement. New part has strengthened locking tang.		501-1857-01
AI-803DB	SB501-1857-2	A	12/13/2007			501-1857-01
GH-3004	SB501-1859-1	Orig	1/17/2002	Provide a unit cover with a recessed mounting surface for unit Nameplate to prevent damage to Nameplate.		501-1859-02
GH-3004	SB501-1859-10	Orig	1/7/2004	Manufacturing Change.		501-1859-0203 501-1859-2203 501-1859-2603
GH-3004	SB501-1859-11	A	5/20/2004	Manufacturing Change. Produce a universal Lighting Controller.		501-1859-02 501-1859-0203 501-1859-2202 501-1859-2203 501-1859-2603
GH-3004	SB501-1859-12	Orig	1/7/2004	Manufacturing Change.		501-1859-02 501-1859-0203 501-1859-2203 501-1859-2603
GH-3004	SB501-1859-13	Orig	5/20/2004	Manufacturing Change. Provide replacement for Pitch Rate Sensor Flex.		501-1859-02 501-1859-0203 501-1859-2202 501-1859-2203 501-1859-2603

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GH-3004	SB501-185 9-14	Orig	5/20/2004	Manufacturing Change. Provide replacement for Roll Rate Sensor Flex.		501-185 9-02 501-185 9-0203 501-185 9-2202 501-185 9-2203 501-185 9-2603
GH-3004	SB501-185 9-15	Orig	5/20/2004	Manufacturing Change. Provide replacement for Yaw Rate Sensor Flex.		501-185 9-02 501-185 9-0203 501-185 9-2202 501-185 9-2203 501-185 9-2603
GH-3004	SB501-185 9-16	B	1/25/2010	Consolidate to a single level sensor type.		501-185 9-02 501-185 9-0203 501-185 9-2202 501-185 9-2203 501-185 9-2603
GH-3004	SB501-185 9-17	B	1/25/2010	Replacement Display due to Diminishing source		501-185 9-02 501-185 9-0203 501-185 9-2202 501-185 9-2203 501-185 9-2603
GH-3004	SB501-185 9-18	B	7/12/2010	To reduce the possibility of the display blanking or failing at start up.		501-185 9-02 501-185 9-0203 501-185 9-2202



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GH-3004	SB501-185 9-19	A	7/12/20 10	To reduce the possibility of the display blanking or disruption.		501-185 9-2203 501-185 9-2603 501-185 9-02 501-185 9-0203 501-185 9-2202 501-185 9-2203 501-185 9-2603
GH-3004	SB501-185 9-2	Orig	1/17/20 02	Reduce audio frequency noise susceptibility and provide additional isolation of rate sensors.		501-185 9-02
GH-3004	SB501-185 9-20	A	7/12/20 10	To remove fan failure warning message		501-185 9-02 501-185 9-0203 501-185 9-2202 501-185 9-2203 501-185 9-2603
GH-3004	SB501-185 9-21	A	7/12/20 10	Provide replacement display due to diminishing source.		501-185 9-02 501-185 9-0203 501-185 9-2202 501-185 9-2203 501-185 9-2603
GH-3004	SB501-185 9-3	Orig	1/17/20 02	Increase durability of Keyboard.		501-185 9-02
GH-3004	SB501-185 9-4	Orig	1/17/20 02	Isolate Energy Storage Board from Case.		501-185 9-02
GH-3004	SB501-185 9-5	A	2/19/20 02	Utilize more reliable connector on 16-Bit A/D CCA		501-185 9-02 501-185 9-2203

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GH-3004	SB501-1859-6	Orig	7/19/2002	Product Improvement		501-1859-02 501-1859-0203 501-1859-2203 501-1859-2603
GH-3004	SB501-1859-7	Orig	2/11/2003	To correct startup errors for level Sensor Self Test. [Part Number 501-1859-0203, -2203, -2603 - with 3.x software].		501-1859-0203 501-1859-2203 501-1859-2603
GH-3004	SB501-1859-8	C	1/25/2010	To provide replacement display due to diminishing source.		501-1859-02 501-1859-0203 501-1859-2203 501-1859-2603
GH-3004	SB501-1859-9	Orig	8/20/2003	Provide additional screw depth engagement in sensor mounting bracket.		501-1859-02 501-1859-0203 501-1859-2202 501-1859-2203 501-1859-2603
GH-3100	SB501-1860-1	A	5/24/2004	To ease manufacturing and repair of the keyboard assembly.		501-1860-()
GH-3100	SB501-1860-10	A	3/16/2007	Release of 2.1 software in support of Gulfstream G450 program.		501-1860-0102
GH-3100	SB501-1860-11	B	11/20/2009	Release Software 1.1. New features include the capability to compensate IAS with DCM-3100 loaded constants K1 and K2.		501-1860-()
GH-3100	SB501-1860-12	C	6/29/2006	To reduce the possibility of the display blanking or failing at start up.		501-1860-0101 501-1860-0102 501-1860-0201

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						501-186 0-0301 501-186 0-0401 501-186 0-0501 501-186 0-0601 501-186 0-0701 501-186 0-0801 501-186 0-1101 501-186 0-1201 501-186 0-1301 501-186 0-1401 501-186 0-1501 501-186 0-1601 501-186 0-1701 501-186 0-1801
GH-3100	SB501-186 0-13	B	6/29/20 06	To reduce the possibility of the display blanking or disruption.		501-186 0-0101 501-186 0-0102 501-186 0-0201 501-186 0-0301 501-186 0-0401 501-186 0-0501 501-186 0-0601 501-186 0-0701 501-186 0-0801

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						501-186 0-1101 501-186 0-1201 501-186 0-1301 501-186 0-1401 501-186 0-1501 501-186 0-1601 501-186 0-1701 501-186 0-1801 501-186 0-2101 501-186 0-2201
	SB501-186 0-14	C	6/29/20 06	To improve attitude accuracy when configured without heading sources. Remove fan failure warning message.		501-186 0-0101 501-186 0-0201 501-186 0-0301 501-186 0-0401 501-186 0-0501 501-186 0-0601 501-186 0-0701 501-186 0-0801 501-186 0-1101 501-186 0-1201 501-186 0-1301 501-186 0-1401 501-186 0-1501

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GH-3100	SB501-1860-15	C	11/24/2008	Provide replacement display due to diminishing source.		501-1860-1601 501-1860-1701 501-1860-1801 501-1860-2101 501-1860-2201 501-1860-( ) 501-1860-0101 501-1860-0102 501-1860-0201 501-1860-0301 501-1860-0401 501-1860-0501 501-1860-0601 501-1860-0701 501-1860-0801 501-1860-1101 501-1860-1201 501-1860-1301 501-1860-1401 501-1860-1501 501-1860-1601 501-1860-1701 501-1860-1801

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GH-3100	SB501-1860-18	A	6/8/2007	Planning Information		501-1860-2101 501-1860-2201 501-1860-( ) 501-1860-0101 501-1860-0201 501-1860-0301 501-1860-0401 501-1860-0501 501-1860-0601 501-1860-0701 501-1860-0801 501-1860-1101 501-1860-1201 501-1860-1301 501-1860-1401 501-1860-1501 501-1860-1601 501-1860-1701 501-1860-1801 501-1860-2101 501-1860-2201
GH-3100	SB501-1860-19	B	2/12/2009			501-1860-0101 501-1860-0102

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						501-186 0-0201 501-186 0-0301 501-186 0-0401 501-186 0-0501 501-186 0-0601 501-186 0-0701 501-186 0-0801 501-186 0-1101 501-186 0-1201 501-186 0-1301 501-186 0-1401 501-186 0-1501 501-186 0-1601 501-186 0-1701 501-186 0-1801 501-186 0-2102 501-186 0-2202
GH-3100	SB501-1860-2	B	9/2/2003	To correct startup errors for Level Sensor Self Test.		501-186 0-()
GH-3100	SB501-1860-20	C	3/20/2013	Planning Information		501-186 0- ( ) 501-186 0- 0101-0801 501-186 0- 1101-1801





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EBDI-4000	SB501-1871-4	B	2/12/2009	Provide replacement display due to diminishing source.		501-1871-0101 501-1871-0201
VRS-3010	SB501-1877-1	B	4/4/2011	Correct sensor calibration.		501-1877-01
VRS-3010	SB501-1877-2	B	10/28/2016	Convert VRS-3010 to VRS-3020 (P/N 501-1877-02) to provide access to existing digital outputs		501-1877-01
VRS-3010 VRS-3020	SB501-1877-3	A	10/31/2016	Software 1.2		501-1877-01 501-1877-02
EHSI-4000	SB501-1879-1	A	8/15/2003	Correct length of screw.		501-1879-0101
EHSI-4000	SB501-1879-2	A	8/15/2003	To prevent shorting of diode during lightning testing which removed reversed input protection.		501-1879-0101
EHSI-4000	SB501-1879-3	B	2/3/2006	To reduce the possibility of the display blanking or failing at start up.		501-1879-0101
EHSI-4000	SB501-1879-4	B	2/12/2009	Provide replacement display due to diminishing source.		501-1879-0101
EHSI-4000	SB501-1879-5	A	2/12/2009	Provide replacement display due to diminishing source		501-1879-0101 501-1879-0102
EHSI-4000	SB501-1879-5	A	2/12/2009	Provide replacement display due to dimminishing source		501-1879-0101 501-1879-0102
ADC-3000	SB501-1890-1	Orig	2/12/2003	Eliminates erratic altitude display.		501-1890-( )
SIM-3100	SB501-1891-1	Orig	5/20/2004	Manufacturing Change. Producing a universal Lighting controller.		501-1891-0102
SIM-3000	SB501-1891-2	A	2/3/2006	To reduce the possibility of the display blanking or failing at start up.		501-1891-0102
SIM-3000	SB501-1891-3	B	11/24/2008	Provide replacement display due to diminishing source.		501-1891-0102
SIM-3100	SB501-1891-4		12/26/2007	RELEASE OF SOFTWARE 2.1		501-1891-0102
SIM-3000	SB501-1891-5	A	3/6/2008			501-1981-0102
SIM-3000	SB501-1891-6	A	11/28/2008			501-1891-0102

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SIM-3100	SB501-189 1-7	A	4/19/2013	Inspection MOD		501-189 1-0102
SIM-3000	SB501-189 1-8	A	3/3/2014			501-189 1-0102
SHSI-3000	SB501-189 9-1	C	1/3/2007	To reduce the possibility of the display blanking or failing at start up.		501-189 9-01
SHSI-3000	SB501-189 9-2	A	3/15/2006	To correct color and knob operation.		501-189 9-01
SHSI-3000	SB501-189 9-3	A	3/15/2006	To correct knob action at start up.		501-189 9-01
SHSI-3000	SB501-189 9-6	B	6/25/2009	To provide replacement display due to diminishing source.		501-189 9-01
SHSI-3000	SB501-189 9-7	A	6/25/2009	To provide replacement display due to diminishing source.		501-189 9-01
SHSI-3000	SB501-189 9-7	A	6/26/2009	To provide replacement display due to diminishing source.		501-189 9-01
SIM-3100	SB501-190 3-1	A	12/15/2008	Replacement of Display due to diminishing source		501-190 3-0101 501-190 3-0201 501-190 3-0301 501-190 3-0401 501-190 3-2101 501-190 3-2201
SIM-3100	SB501-190 3-2	A	12/15/2008	Replacement of Display due to diminishing source		501-190 3-0501 501-190 3-0601 501-190 3-0701 501-190 3-0801
SIM-3100	SB501-190 3-3	A	12/15/2008	Release of Software 1.2		501-190 3-0101 501-190 3-0201 501-190 3-0301 501-190 3-0401

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						501-190 3-0501 501-190 3-0601 501-190 3-0701 501-190 3-0801 501-190 3-2101 501-190 3-2201
SIM-3100	SB501-1903-4	A	4/19/2013	INSPECTION MOD		501-190 3-0101 501-190 3-0201 501-190 3-0301 501-190 3-0401 501-190 3-0501 501-190 3-0601 501-190 3-0701 501-190 3-0801 501-190 3-2101 501-190 3-2103 501-190 3-2201
SIM-3100	SB501-1903-5	A	3/3/2014	Inspection MOD		501-190 3-0101 501-190 3-0201 501-190 3-0205 501-190 3-0301 501-190 3-0401 501-190 3-0501

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CA-200C CA-200D CA-200E CA-200F	SB502-1078-2	A	12/1/1982	To reduce bank angle offset.		501-190 3-0601 501-190 3-0701 501-190 3-2101 501-190 3-2103 501-190 3-2201 501-110 8-03 501-110 8-04 501-110 8-05 501-110 8-06 502-107 8-03 502-107 8-04
AD611 LNS6000 LNS616 RNAV511 RNAV612 RNAV511	SB-51	Orig	8/1/1985	Modification to DME Range Block Adapter Module to increase A+ voltage range.		804B0116
RNAV511	SB-511-B		10/1/1978			805D0200
RNAV511	SB-511-C	Orig	10/1/1978	To prevent intermittent errors in measured DME Distance resulting in erroneous RNAV computations.		805D0200
51ASA-1 RNAV511	SB-51ASA-1-A	Orig	10/1/1979	Allows Range Monitor switch to be accomplished by KDI572 NAV select switch.		805D0254
51ASA RNAV511	SB-51ASA-B	Orig	6/1/1979	To allow course softening to be disable as an installer option.		805D0251
51DSA RNAV511	SB-51DSA-A	Orig	6/1/1980	Eliminates COMM transmitter RF interference to RNAV511/51DSA, and reduces To/From meter drive current.		805D0250
51DSA RNAV511	SB-51DSA-B	Orig	6/1/1979	To reduce the required sink current on the NAV SELECT LINE to permit NAV selection by the KDI-572.		805D0250
AD611 LNS6000 LNS616 RNAV511 RNAV612	SB-52	Orig	11/1/1985	Modification to Range Block Adapter Module to permit operation throughout voltage range.		804B0116

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DN-101	SB5-2000-10	CXL	7/26/2005			
DN-101A DN-101A-1 DN-101B DN-101B-1 DN-101C DN-101C-1 DN-101D-1	SB5-2000-11	Orig	11/1/1975	To remove yaw sync operation during initial starting cycle.		5-2000-01 5-2000-02 5-2000-03 5-2000-04 5-2000-05 5-2000-06
DN-101A DN-101A-1 DN-101B DN-101C DN-101C-1 DN-101D-1 SN-101B-1	SB5-2000-12	Orig	7/1/1977	To modify Slaving Pre-amp and Servo amp to provide linear annunciation output of "4/ into 1K 200 micro amp meter.		5-2000-01 5-2000-02 5-2000-03 5-2000-04 5-2000-05 5-2000-06 5-2000-07
DN-101A DN-101A-1 DN-101B DN-101B-1 DN-101C DN-101C-1 DN-101D-1	SB5-2000-13	A	1/1/1988	To minimize introduction of moisture and provide short-circuit protection.		5-2000-01 5-2000-02 5-2000-03 5-2000-04 5-2000-05 5-2000-06 5-2000-07
DN-101D-1	SB5-2000-14	A	12/1/1977	To verify proper wattage resistors on servo amp boards.		5-2000-07
DN-101A DN-101A-1	SB5-2000-15	A	2/1/1987	To replace fuse with slow blow fuse.		5-2000-01

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DN-101B DN-101B-1 DN-101C DN-101C-1 DN-101D-1						5-2000-02 5-2000-03 5-2000-04 5-2000-05 5-2000-06 5-2000-07
DN-101( ) DN-101A DN-101A-1 DN-101B DN-101B-1 DN-101C DN-101C-1 DN-101D-1	SB5-2000-16	A	4/24/2003	To insure proper HSI flag voltage is maintained when using Relay Circuit Card Assembly part number 542-1964-02.		5-2000-( ) 5-2000-01 5-2000-02 5-2000-03 5-2000-04 5-2000-05 5-2000-06 5-2000-07
DN-101A DN-101A-1 DN-101B DN-101B-1 DN-101C DN-101C-1 DN-101D-1	SB5-2000-5	Orig	2/1/1969	To provide two flag capability for Directisyns with single flag capability.		5-2000-01 5-2000-02 5-2000-03 5-2000-04 5-2000-05 5-2000-06 5-2000-07
DN-101A DN-101A-1 DN-101B DN-101B-1	SB5-2000-6	B	3/1/1988	To provide for slaving adjustment.		5-2000-01 5-2000-02

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DN-101C DN-101C-1 DN-101D-1						5-2000-03 5-2000-04 5-2000-05 5-2000-06 5-2000-07
DN-101A DN-101A-1 DN-101B DN-101B-1 DN-101C DN-101C-1 DN-101D-1	SB5-2000-7	Orig	4/1/1970	To provide for solid state time delay.		5-2000-01 5-2000-02 5-2000-03 5-2000-04 5-2000-05 5-2000-06 5-2000-07
DN-101A DN-101A-1 DN-101B DN-101B-1 DN-101C DN-101C-1	SB5-2000-8	A	11/1/1975	To minimize heading error during turns.		5-2000-01 5-2000-02 5-2000-03 5-2000-04 5-2000-05 5-2000-06 5-2000-07
DN-101A DN-101A-1 DN-101B DN-101B-1 DN-101C DN-101C-1	SB5-2000-9	Orig	9/1/1975	To provide gyro with solid state synchronizer.		5-2000-01 5-2000-02 5-2000-03 5-2000-04

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						5-2000-05 5-2000-06 5-2000-07
IN602 TCN970 LRN500	SB-53		11/1/1985	Mod A, Factory mod only for S/N 170 and lower		
	SB-55	Orig	5/1/1986	LRN500 faceplate bonding modification.		805D0630
LNS616 LNS616A RNC601 RNC601A RNC601B	SB-56	Oig	3/1/1987	To allow the RNC601 and RNC601A to operate with the same functions as the RNC601B.		805D0550
DI681 DI681A LNS616 LNS616B RNC601 RNC601B	SB-57	Orig	2/1/1988	To allow DI681 to operate as DI681A with RNC601B.		805D0570
JT-147A	SB570-8552-1	A	10/12/2001	To correct an error within the software.		570-8552-01
JT-147A	SB570-8552-2	Orig	10/15/2001	To correct an error within the software.		570-8552-01
JT-147A	SB570-8552-3	A	3/29/2011	To add GH-3100 test capabilities to the JT-147A.		570-8552-01
JT-147A	SB570-8552-4	A	3/27/2006	To add DCM version 2.0 test capabilities to the JT-147A.		501-8552-01
JT-147A	SB570-8552-5	A	4/3/2012	To add DCM version 3.0 test capabilities to the JT-147A		570-8552-01
GH-3900.2	SB576-6157-1	B	5/24/2013	ACMT REV 2.03.1 Planning information		9200-34400- 9200-34500- 9200-34600- 9200-34700- 9200-34800-
GH-3900.2	SB576-6157-2	A	12/18/2013	ACMT Rev 2.05		9200-34400- 9200-34500-



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GH-3900	SB576-6159-1	B	5/20/2013	ACMT REV 1.06		9200-34600-9200-34700-9200-34800-9200-34000-01019200-34000-02019200-34000-04019200-34000-0501
GH-3900	SB576-6159-2	A	12/13/2013	GH-3900 ACMT		9200-34000-01019200-34000-02019200-34000-04019200-34000-0501
GH-3900 SFIS-3900	SB576-6159-3	B	6/26/2017	Aircraft Configuration Module Tool – Revision 1.09		9200-340009200-34100
GH-3900 SHIS-3900	SB576-6159-4	A	6/26/2017	create aircraft configuration files for the GH-3900		9200-340009200-34100
	SB576-6193-1	A	9/24/2015	AHRS Installation Tool – Rev 1.54		
GH-3900RSU	SB576-6207-1	A	9/24/2015	Aircraft Configuration Module Tool – Revision 1.01		9200-38000-01019200-38100-0101

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LNS616 LR651	SB-60	Orig	3/1/1987	To correct an intermittent search problem.		805D0500
	SB-63		7/26/2005			
WX-900	SB-65	Orig	5/1/1993	Noise Rejection Improvement		
TRC791 TRC791 MTG RACK	SB-66	1	10/1/1994	Eliminate connector misalignment and damage.		805-100 24-001 805-100 24-002
WX-1000 WX-1000 Antenna WX-900 Antenna	SB-67	1	1/1/1995	Replacement of Analog PC Board and Antenna		78-8051- 9200-8 78-8060- 5790-3 78-8060- 5970-1
TRC791	SB-68	Orig	1/1/1995	To improve the reliability of the whisper shout function.		
RT-1634(V)	SB-70	Orig	8/1/1996	Software update to re-enable automatic antenna switching following pilot- initiated self test.		805D060 2-30 805D060 2-32 805D060 2-34 805D060 2-35 805D060 2-36 805D060 2-50
WX-SM	SB-71	Orig	8/1/1996	Changes position of wires on PCB Assembly.		78-8060- 5869-5
TRC791 TRC791A	SB-72	Orig	12/1/1996	Advise problem may arise when connecting to ARNIC 429 Data Bus		805-100 01-( )
TRC791 TRC791A	SB-73	Orig	2/1/1997	Modify mounting tray to eliminate mounting difficulties.		805-100 24-001 805-100 24-002
NY156	SB-74	C	5/1/1997	Modify the NY156 Antenna by installing the protective boot.		805-100 03-001
WX-1000+	SB78-8051- 9160-1	A	5/2/2005	A production change to replace an obsolete IC (U707) on the digital PCB assembly. The new IC is faster and does not allow the unit to turn on properly when cold.		78-8051- 9160-4
WX-1000+	SB-78-8051- 9160-3	A	6/1/2012	SUP Inspection		78-8051- 9160-4

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WX-1000 Display	SB78-8051-9170-1	A	10/18/2006			78-8051-9170-3
WX-PA	SB78-8060-5710-1	A	7/26/2005	Production change to prevent supply +5Vdc output from overshooting the +8Vdc during power-on.		78-8060-5710-1
WX-PA	SB78-8060-5710-2	A	3/18/2010	Planning Information		78-8060-5710-1
WX-PA Antenna	SB78-8060-5744-200	Orig	11/11/2004	Replace brass shield with copper.		78-8060-5744-0
WX-1000	SB78-8060-5790-1	A	5/2/2005	A production change to replace an obsolete IC (U707) on the digital PCB assembly. The new IC is faster and does not allow the unit to turn on properly when cold.		78-8060-5790-3
WX-1000	SB78-8060-5790-3	A	6/1/2012	SUP Inspection		78-8060-5790-3
WX-1000/SKY 497 Display	SB78-8060-5900-200	Orig	10/14/2004	Modification replaces high voltage module P/N 78-8060-5897-8 with a new high voltage module P/N 814-11002-001.		78-8060-5900-x
WX-1000 Display	SB78-8060-5900-201	A	6/25/2009	To provide replacement display due to diminishing source.		78-8060-5900-8 78-8060-5900-9
WX-1000 Display	SB78-8060-5900-202	A	6/25/2009	Incorporation of MOD 10		78-8060-5900-8 78-8060-5900-9
WX-1000E	SB78-8060-5941-1	A	5/2/2005	A production change to replace an obsolete IC (U707) on the digital PCB assembly. The new IC is faster and does not allow the unit to turn on properly when cold.		78-8060-5941-2
WX-1000E	SB78-8060-5941-2	A	4/28/2010	To provide better bonding between the processor and mounting tray		78-8060-5941-2
WX-1000E	SB78-8060-5941-3	A	6/5/2012	SUP Inspection		78-8060-5941-2
WX-900	SB78-8060-5960-1	B	8/7/2012	Change improves the compression on the WX-900 LCD connector.		78-8060-5960-2
WX-1000E WX-1000E 429EFIS	SB78-8060-6086-1	A	5/2/2005	A production change to replace an obsolete IC (U707) on the digital PCB assembly. The new IC is faster and does not allow the unit to turn on properly when cold.		78-8060-6086-5
WX-1000E	SB78-8060-6086-2	A	4/28/2010	To provide better bonding between the processor and mounting tray		78-8060-6086-5
WX-1000E (429 EFIS)	SB78-8060-6086-3	A	6/1/2012	SUP Inspection		78-8060-6086-5
WX-1000 WX-1000E 429NAVAID	SB78-8060-6092-1	A	5/2/2005	A production change to replace an obsolete IC (U707) on the digital PCB assembly. The new IC is faster and does not allow the unit to turn on properly when cold.		78-8060-6092-3
	SB78-8060-6092-2	A	4/28/2010	To provide better bonding between the processor and mounting tray		

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WX-1000E (NAVAID)	SB78-8060-6092-3	A	6/1/2012	SUP Inspection		78-8060-6092-3
WX-1000( )	SB-80	B	8/1/1999	Addition of weep holes, foam strips, and RTV sealent.		78-8051-9160-4 78-8051-9160-5 78-8060-5790-3 78-8060-5790-4 78-8060-5941-2 78-8060-5941-3 78-8060-6086-5 78-8060-6086-6 78-8060-6092-3 78-8060-6092-4
TRC791	SB805-10001-1	B	3/21/2006	"...change to the RF Receiver PCB Assembly to prevent contact with another PCB assembly.		805-10001-004 805-10001-005 805-10001-006 805-10001-007
CD605	SB805-10007-1	A	12/14/2005	An inspection modification to verify the RNG and TEST push button backlighting is NVIS Type I, Class B compatible (i.e., NVIS green backlighting).		805-10007-013
TRC691	SB805-10012-1	B	3/21/2006	RF Receiver Assembly Insulator Mod		805-10012-003 805-10012-013
NY-163	SB805-10930-01	A	11/24/2010	To provide authorized service centers procedures to check antenna anti-static coating properties.		805-10930-001 805-10930-002
NY-163	SB805-10930-02	A	11/24/2010	To improve -Band rejection		805-10930-001 805-10930-002

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WX-950	SB805-10950-2	A	2/4/2008	WX-950 Display/Processor - MOD K, CRT is Obsolete		805-10950-001 805-10950-002 805-10950-XXX
WX-950	SB805-10950-3	A	8/20/2009	Wx-950 MOD L		805-10950-001 805-10950-002
WX-950	SB805-10950-4	A	8/20/2009	Wx-950 MOD M		805-10950-001 805-10950-002
WX-950	SB805-10950-5	A	11/20/2009	Torque Requirement for New Brightness Potentiometer		805-10950-001 805-10950-002
805-10950-001 805-10950-002 WX-950	SB805-10950-6	A	6/1/2012	SUP Inspection		
WX-950G	SB805-10951-1	A	8/31/2009	Wx-950G MOD A		805-10951-001
WX-950G	SB805-10951-2	A	11/20/2009	Torque Requirement for New Brightness Potentiometer		805-10951-001
WX-1000 WX-1000E	SB805-11000-1	A	5/2/2005	A production change to replace an obsolete IC (U707) on the digital PCB assembly. The new IC is faster and does not allow the unit to turn on properly when cold.		805-11000-00x
WX-1000E	SB805-11000-2	A	4/28/2010	To provide better bonding between the processor and mounting tray		805-11000-( )
WX-1000 WX-1000E WX-1000E 429EFIS	SB805-11001-1	A	5/2/2005	A production change to replace an obsolete IC (U707) on the digital PCB assembly. The new IC is faster and does not allow the unit to turn on properly when cold.		805-11001-00x
WX-1000E	SB805-11001-2	A	4/28/2010	To provide better bonding between the processor and mounting tray		805-11001-( )
WX-1000E (429 EFIS)	SB805-11001-3	A	6/5/2012	SUP Inspection		805-11001-001
WX-500	SB805-11500-1	A	6/1/2012	SUP Inspection		805-11500-001
WX-500	SB805-11500-2	A	11/8/2017	Software Version 1.04		805-11500-001

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CD-800	SB805-11800-5	A	11/20/2009	Torque Requirement for New Brightness Potentiometer		805-11800-002
CD-800	SB805-11800-6	A	1/7/2010	CD-800 Control Display Unit Mod G		805-11800-002
TAWS8000	SB805-18000-200	A	3/14/2005	Software Version 1.12 Upgrade		805-18000-001
TAWS8000	SB805-18000-202	A	1/23/2012	To inform users of a suspected unapproved part (SUP) and to inform them of an inspection MOD effective at next service, which identifies units that have had this condition corrected.		805-18000-001
TAWS8100	SB805-18650-200	A	2/10/2005	Mod A - Add insulator between mousing bracket and PCB of U2 and U3		805-18650-001
TAWS 8100	SB805-18650-201	A	5/18/2009	TAWS 8100 Software Version 2.09 Upgrade		805-18650-001
TAWS8100	SB805-18650-202	A	1/23/2012	To inform users of a suspected unapproved part (SUP) and to inform them of an inspection MOD effective at next service, which identifies units that have had this condition corrected.		805-18650-001
RT-1634(V)	SB805D0602-200	A	11/9/2004	Software version 2.4 adds label 002 and 0012 to ARINC 429 output bus #2 to Tracking Channel C. It also changes output label 035 bits 14 and 15 to match corresponding bits on input label 035.		805D0602-45
RT-1634(V)	SB805D0602-201	A	3/10/2005	Replace C2 on power supply from 100 V to 125 V part.		805D0602-39 805D0602-43 805D0602-44 805D0602-45 805D0602-51
RT-1634(V)	SB805D0602-202	B	6/15/2006	Power Supply Inductor Modification		805D0602-30 805D0602-31 805D0602-32 805D0602-33 805D0602-34 805D0602-35 805D0602-36 805D0602-38 805D0602-39

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						805D060 2-42 805D060 2-43 805D060 2-44 805D060 2-45 805D060 2-50 805D060 2-51 805D060 2-52
805D0602-50 RT-1634(V)	SB805D06 02-203	B	6/15/20 06	Modulator PCB Modification		805D060 2-( )
RT-1634(V)	SB805D06 02-204	A	11/17/2 005	Modulator PCB Modification		805D060 2-43 805D060 2-44 805D060 2-45 805D060 2-51 805D060 2-52
RT-1634(V)	SB805D06 02-205	A	5/17/20 06	Software Upgrade Version 2.5 and 2.6		805D060 2-45
RT-1634(V)	SB805D06 02-206	A	6/21/20 06	Software Upgrade Version 2.1		805D060 2-51
RT-1634(V)-5 2	SB805D06 02-207	A	6/21/20 06	Software Upgrade Revision 2.1		805D060 2-52
F6555	SB805D06 63-200	A	2/10/20 05	Removing Rubber boots from switches		805D066 3-31
MW-701	SB8-1000- 1		7/26/20 05			
TRC791 TRC971A	SB-83	Orig	2/1/200 0	Software Upgrade to Ver. 1.5		805-100 01-004 805-100 01-005 805-100 01-024 805-100 01-025

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WX-10	SB-8401	Orig	12/1/1983	Supplemental Installation Information (circa 1983)		805-100 01-026
WX-500	SB-85	Orig	3/1/2000	To preclude a standoff, attached to the Analog PCB, from shorting to the surrounding plane.		78-8041- 7920-4
WX-500	SB-85 Appendix A	Orig	3/28/2000	To preclude a standoff, attached to the Analog PCB, from shorting to the surrounding plane.		805-115 00-001
WX-950	SB-86	Orig	3/1/2000	To prevent the brightness potentiometer shaft from binding.		805-115 00-001
	SB-86 Appendix A	Orig	3/28/2000	To prevent the brightness potentiometer shaft from binding.		805-109 50-001
Series 1 Antenna WX-10 WX-11 WX-12 WX-120 WX-7 WX-8 WX-9	SB-8601	Orig	9/1/1986	Prevent single connector antenna moisture damage.		805-109 50-002
TRC691	SB-87	Orig	4/30/2000	T-6A NACWS TRC691 Software Version 1.5 upgrade. To have the display show NACWS INOP rather than NACWS DGRD when the "On Ground" and "No locked Radars" conditions are met. In addition, changes were made to permit a terminal device to be used as an aid in		805-100 12-013
TRC691	SB-88	Orig	8/29/2000	Incorporates two new components to correct tested high and low temperature failures detected during new automated cycling procedures.		805-100 12-013
RT-1634(V)	SB-89	Orig	9/28/2000	Add voltage spike protection to remote DME HOLD function for DME tracking channel "D" line.		
WX-1000 WX-1000+	SB-8906	Orig	8/1/1989	Prevent potential short of Power Supply board		78-8051- 9160-4
WX-500	SB-90	Orig	11/28/2000	To provide additional protection against damage due to an excessive over voltage condition.		78-8060- 5790-3
WX-1000+	SB-9001	Orig	6/5/1990	To prevent overloading of WX-1000+ internal 400Hz reference source.		805-115 00-001
WX-PA	SB-9002	Orig	7/12/1990	To improve the coupling of the sense portion test signal from WX-PA antenna into the Stormscope System antenna.		78-8051- 9240-4
ADR-7050 ADR-7050 Mounting Tray	SB9010-21 453-1	A	2/4/2008	ADR-7050 Mounting Tray - MOD A Nut Plate Modification		78-8060- 5744-0
						9010-21 453-01



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ADR-7050 Mounting Tray	SB9010-21453-2	A	1/21/2010	ADR-7050 Mounting Tray MOD B		9010-21453-01
RGC250	SB-91	Orig	1/26/2001	To provide additional protection against damage to the RGC connectors when disengaging the mating connector assembly for the RGC.		805-11400-001 805-11400-002
TRC691	SB-92	B	8/19/2005	T-6A NACWS TRC691 Software Version 1.6 upgrade. Improve NACWS coverage by processing data from the new low PRF Secondary Surveillance Radar Equipment. A command to restore the TRC to normal operation after a ground test has also been included in this soft		805-10012-013
ESI-500	SB9200-15000-1	A	12/14/2015	MOD A		9200-15000-0101
ESI-500	SB9200-15000-2	A	4/20/2016	ESI-500 Software 1.2 with ACM Tool		9200-15000-0101
ESI-500	SB9200-15000-3	A	6/6/2016	The units airspeed sensor output may shift		9200-15000-0101
ESI-500	SB9200-15000-4	A	12/15/2016			9200-15000-0101
ESI-500	SB9200-15000-5	A	2/17/2017	ESI-500 MOD C		9200-15000-0101
ESI-500	SB9200-15000-6	A	2/27/2018	the vertical speed output from the ESI-500 can potentially exceed the tolerances specified for an air data computer.		9200-15000-0101
	SB9200-19000-1	A	5/13/2005	Inform customers of 5.2, 5.3 & 5.5 software upgrade.		9200-19000-( )
	SB9200-19000-2	A	7/27/2005	Inform customers of 5.6 software upgrade.		9200-19000-( )
	SB9200-19000-3	A	3/21/2006	Software Version 5.7 Upgrade		9200-19000-( )
	SB9200-19020-1	A	5/13/2005	Inform customers of 5.2, 5.3 & 5.5 software upgrade.		9200-19020-( )
9200-19020-( )	SB9200-19020-2	A	7/27/2005	Inform customers of 5.6 software upgrade.		
9200-19020-( )	SB9200-19020-3	A	3/21/2006	Software Version 5.7 Upgrade		
	SB9200-19050-1	A	5/13/2005	Inform customers of 5.2, 5.3 & 5.5 software upgrade.		9200-19050-( )
	SB9200-19050-2	A	7/27/2005	Inform customers of 5.6 software upgrade.		9200-19050-( )

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	SB9200-19050-3	A	3/21/2006	Software Version 5.7 Upgrade		9200-19050-( )
	SB9200-19070-1	A	5/13/2005	Inform customers of 5.2, 5.3 & 5.5 software upgrade.		9200-19070-( )
	SB9200-19070-2	A	7/27/2005	Inform customers of 5.6 software upgrade.		9200-19070-( )
	SB9200-19070-3	A	3/21/2006	Software Version 5.7 Upgrade		9200-19070-( )
SRS-3000	SB9200-20800-1	B	3/12/2018	MOD C to SRS-3000		9200-20800-0102
MAG-3100	SB9200-21200-1	A	5/1/2014			
MAT-3100	SB9200-21250-1	A	5/1/2014			9200-21250-01
ADR-7050	SB9200-21453-1	A	2/4/2008	Increased Shielding for European Certification		9200-21453-01
ADR-7050	SB9200-21453-2	C	4/28/2010			9200-21453-02
ADR-7050	SB9200-21453-3	A	1/29/2009	Remove Temperature Sensor		9200-21453-03
ADR-7050	SB9200-21453-4	C	4/28/2010	To Increase strength for high vibration conditions		9200-21453-03
ADC-4000	SB9200-30000-1	A	5/6/2009	Eliminate spurious faults due to stale data built-in-test failure		9200-30000-205
ADC-4000	SB9200-30000-2	A	5/3/2010	Enable automatic recovery when a recoverable fault is detected		9200-30000-206
ESI-1000	SB9200-32000-1	A	5/3/2010	Revise night lighting color from blue to white		9200-32000-0301
ESI-1000	SB9200-32000-2	B	8/6/2012	Incorporation of Mod 2		9200-32000-0401
						9200-32000-0101

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						9200-32000-0201 9200-32000-0301 9200-32000-0401
ESI-1000	SB9200-32000-3	A	3/29/2012	To standardize DSP boards across ESI product line		9200-32000-0101 9200-32000-0201 9200-32000-0601
ESI-1000	SB9200-32000-4	A	4/9/2012	Replace obsolete LED Backlight assembly		9200-32000-0101 9200-32000-0201 9200-32000-0301 9200-32000-0401 9200-32000-0701 9200-32000-0801
ESI-1000	SB9200-32000-5	A	8/23/2012	Improve backlight low end brightness characteristics		9200-32000-0101 9200-32000-0201 9200-32000-0301

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ESI-1000	SB9200-32000-6	A	12/17/2012	Incorporation of 1.1 Software		9200-32000-0401 9200-32000-0701 9200-32000-0801 9200-32000-0301 9200-32000-0401 9200-32000-0701 9200-32000-0801
ESI-1000	SB9200-32000-7	A	9/15/2016	To prevent rate sensor loopback failure at start up.		9200-32000-0101 9200-32000-0201 9200-32000-0301 9200-32000-0401 9200-32000-0701 9200-32000-0801
ESI-1000	SB9200-32100-1	A	12/22/2010	LED Backlight is obsolete		9200-32100-0101 9200-32100-0201

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ESI-1000	SB9200-32100-2	A	4/4/2011	Incorporation of Mod B		9200-32100-1001 9200-32100-0101 9200-32100-0201 9200-32100-1001
ESI-1000	SB9200-32100-3	A	8/23/2012	Improve backlight low end brightness characteristics		9200-32100-0101 9200-32100-0201 9200-32100-1001
ESI-1000	SB9200-32100-4	A	3/18/2016			9200-32100-1001
ESI-1000	SB9200-32100-5	A	4/1/2016			9200-32100-0201
ESI-1000	SB9200-32100-6	A	9/14/2016	To prevent rate sensor loopback failure at Startup		9200-32100-0101 9200-32100-0201 9200-32100-1001 9200-32100-3203
ESI-2000	SB9200-32500-1	A	11/11/2010	Release of new software		9200-32500-0011 9200-32500-0021

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ESI-2000	SB9200-32500-2	A	4/4/2011	Incorporate Mod B by adding washers and updating software to Version 1.2		9200-32500-0031 9200-32500-0041 9200-32500-0011 9200-32500-0021 9200-32500-0031 9200-32500-0041
ESI-2000	SB9200-32500-3	A	8/23/2012	Improve backlight low end brightness		9200-32500-0011 9200-32500-0021 9200-32500-0031 9200-32500-0041 9200-32500-0061 9200-32500-0081 9200-32500-0121
ESI-2000	SB-9200-32500-4	A	9/14/2016	To prevent rate sensor loopback failure at start up		9200-32500-0011 9200-32500-0021

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						9200-32 500-003 1 9200-32 500-004 1 9200-32 500-005 1 9200-32 500-006 1 9200-32 500-007 1 9200-32 500-008 1 9200-32 500-012 1
SIM-1000	SB9200-32800-2	A	8/23/2012	Improve backlight low end brightness characteristics		9200-32800-201
GH-3900	SB9200-34000-1	A	9/17/2012	Release of Software 1.1		9200-34000-010 1 9200-34000-020 1 9200-34000-040 1 9200-34000-050 1
GH-39000	SB9200-34000-10	A	12/4/2017	Error Correcting RAM		9200-34000 9200-34000-010 1 9200-34000-020 1 9200-34000-040 1

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GH-3900	SB9200-34000-11	A	12/4/2017	Display Replacement		9200-34000-0501 9200-34000 9200-34000-0101 9200-34000-0201 9200-34000-0401 9200-34000-0501
GH-3900	SB9200-34000-4	A	12/13/2013	GH-3900 S/W 1.2		9200-34000-0101 9200-34000-0201 9200-34000-0401 9200-34000-0501
GH-3900	SB9200-34000-5	A	12/13/2013	GH-3900 Bootloader 1.03		9200-34000-0101 9200-34000-0201 9200-34000-0401 9200-34000-0501
GH-3900	SB9200-34000-7	A	9/14/2016	To prevent rate sensor loopback failure at start up.		9200-34000-0101



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GH-3900 SFIS-3900	SB9200-34 000-8	A	12/9/20 16	GH-3900 SW 1.4		9200-34 000-020 1
						9200-34 000-010 1
						9200-34 000-020 1
						9200-34 000-040 1
						9200-34 000-050 1
GH-3900 SFIS-3900	SB9200-34 000-9	B	6/26/20 17	Software Release 1.5		9200-34 000
GH-3900	SB9200-34 000-9	B	6/26/20 17	System Software Release 1.5		9200-34 000-010 1
						9200-34 000-020 1
						9200-34 000-040 1
						9200-34 000-050 1
GH-3900	SB9200-34 100-1	A	9/17/20 12	Release of Software 1.1		9200-34 100-010 1
						9200-34 100-020 1
GH-3900	SB9200-34 100-10	A	12/4/20 17	Error correcting RAM		9200-34 100
						9200-34 100-010 1
						9200-34 100-020 1
GH-3900	SB9200-34 100-11	A	12/18/2 017	Display Replacement		9200-34 100

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						9200-34 100-010 1
						9200-34 100-020 1
GH-3900	SB9200-34 100-4	A	12/20/2013			9200-34 100-010 1
						9200-34 100-020 1
GH-3900	SB9200-34 100-5	A	12/20/2013	GH-3900 Bootloader Software		9200-34 100-010 1
						9200-34 100-020 1
GH-3900	SB9200-34 100-7	A	9/14/2016	To prevent rate sensor loopback failure at start up.		9200-34 100-010 1
						9200-34 100-020 1
GH-3900 SFIS-3900	SB9200-34 100-8	A	12/9/2016	Software release 1.4		9200-34 100-010 1
						9200-34 100-020 1
GH-3900 SFIS-3900	SB9200-34 100-9	A	6/26/2017	Software 1.5		9200-34 100
GH-3900.2	SB9200-34 400-1	B	6/2/2016	Release of Software Revision 1.1		9200-34 400-010 1
						9200-34 400-020 1
						9200-34 400-030 1
						9200-34 400-040 1

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GH-3900.2	SB9200-34 400-10	C	10/11/2018	Error Correcting RAM		9200-34400-0501
						9200-34400-0101
						9200-34400-0401
GH-3900.2	SB9200-34 400-12	A	4/26/2019	Backlight LED Replacement		9200-34400-0101
						9200-34400-0201
						9200-34400-0501
GH-3900.2	SB9200-34 400-3	D	1/29/2014	GH-3900.2 System software Release 1.2 (Version R01.02)		9200-34400-0101
						9200-34400-0201
						9200-34400-0301
						9200-34400-0401
						9200-34400-0501
						9200-34400-0101
GH-3900.2	SB9200-34 400-4	A	5/28/2014	Software Release 1.3		9200-34400
						9200-34400-0101
						9200-34400-0201
						9200-34400-0301
						9200-34400-0301

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GH-3900.2	SB9200-34 400-5	B	2/18/2015			9200-34 400-040 1 9200-34 400-050 1 9200-34 400 9200-34 400-010 1 9200-34 400-020 1 9200-34 400-030 1 9200-34 400-040 1 9200-34 400-050 1
GH-3900.2	SB9200-34 400-6	A	9/14/2016	To prevent rate sensor loopback failure at start up.		9200-34 400-010 1 9200-34 400-020 1 9200-34 400-040 1 9200-34 400-050 1
GH-3900.2	SB9200-34 400-7	A	11/3/2016	Software 1.5 upgrade		9200-34 400-010 1 9200-34 400-020 1 9200-34 400-030 1

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GH-3900.2	SB9200-34400-8	A	1/25/2018	Display and Rate Sensor CCM replacement		9200-34400-0401 9200-34400-0501 9200-34400-0101 9200-34400-0201 9200-34400-0401 9200-34400-0501
GH-3900.2	SB9200-34400-9	A	12/8/2017	Software Release 1.6		9200-34400-0101 9200-34400-0201 9200-34400-0301 9200-34400-0401 9200-34400-0501
GH-3900	SB9200-34402-1	B	7/18/2018	Convert P/N 9200-34400-0501 to P/N 9200-34402-0501		9200-34400-0501
GH-3900.2	SB9200-34402-2	A	6/20/2017	To prevent rate sensor loopback failure at startup.		9200-34402-0501
GH-3900.2	SB9200-34402-3	A	1/25/2018	Display and Rate Sensor CCM Replacement		9200-34402-0501

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GH-3900.2	SB9200-34 402-4	A	12/8/20 17	System Software 1.6		9200-34 402-050 1
GH-3900.2	SB9200-34 402-6	A	4/26/20 19	Backlight LED Replacement		9200-34 402-050 1
GH-3900.2	SB9200-34 410-1	A	9/14/20 16	To prevent rate sensor loopback failure at start up.		9200-34 410-050 1
GH-3900.2	SB9200-34 410-2	A	11/3/20 16	Software 1.5 upgrade		9200-34 410-050 1
GH-3900.2	SB9200-34 410-3	A	1/25/20 18	Display and Rate Sensor CCM replacement		9200-34 410-050 1
GH-3900.2	SB9200-34 410-4	A	12/8/20 17	System Software 1.6		9200-34 410-4
	SB9200-34 410-5	A	7/31/20 18	Error Correcting RAM		9200-34 500-020 1 GH-3900 .2
GH-3900.2	SB9200-34 500-1	B	6/2/201 6	Release of Software Ver 1.1		9200-34 500-010 1 9200-34 500-020 1 9200-34 500-040 1 9200-34 500-060 1
GH-3900.2	SB9200-34 500-10	A	7/31/20 18	Error Correcting RAM		9200-34 500-020 1
GH-3900.2	SB9200-34 500-12	A	4/26/20 19	Backlight LED Replacement		9200-34 500-010 1 9200-34 500-040 1

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GH-3900.2	SB9200-34500-3	D	1/29/2014	GH-3900.2 System software Release 1.2 (Version R01.02)		9200-34500-0601
						9200-34500-0101
						9200-34500-0201
						9200-34500-0401
						9200-34500-0601
GH-3900.2	SB9200-34500-4	A	5/28/2014	Software 1.3		9200-34500
						9200-34500-0101
						9200-34500-0201
						9200-34500-0401
						9200-34500-0601
GH-3900.2	SB9200-34500-5	A	1/29/2015			9200-34500
						9200-34500-0101
						9200-34500-0201
						9200-34500-0401
						9200-34500-0601
GH-3900.2	SB9200-34500-6	A	9/14/2016	To prevent rate sensor loopback failure at start up.		9200-34500-0101

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						9200-34500-0201 9200-34500-0401 9200-34500-0601
GH-3900.2	SB9200-34500-7	A	11/3/2016	Software 1.5 upgrade		9200-34500-0101 9200-34500-0201 9200-34500-0401 9200-34500-0601
9200-34500-0401 GH-3900.2	SB9200-34500-8	B	3/8/2018	Display and Rate Sensor CCM replacement		9200-34500-0101 9200-34500-0201 9200-34500-0601
GH-3900.2	SB9200-34500-9	A	12/8/2017	System Software 1.6		9200-34500-0101 9200-34500-0201 9200-34500-0301 9200-34500-0401 9200-34500-0501



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GH-3900.2	SB9200-34502-1	B	5/3/2017	To prevent Memory Corruptions		9200-34500 9200-34502
GH-3900.2	SB9200-34502-2	B	5/3/2017	To prevent rate sensor loopback failure at start up.		9200-34502
GH-3900.2	SB9200-34502-3	A	2/21/2017	Updates the 5V current limit setting		9200-34502-0401
GH-3900.2	SB9200-34502-4	B	3/8/2018	Display and Rate Sensor CCM replacement		9200-34502-0101 9200-34502-0401 9200-34502-0601
GH-3900.2	SB9200-34502-5	A	12/8/2017	System Software 1.6		9200-34502-0101 9200-34502-0401 9200-34502-0601
GH-3900.2	SB9200-34502-7	A	4/26/2019	Backlight LED Replacement		9200-34502-0101 9200-34502-0401 9200-34502-0601
GH-3900.2	SB9200-34600-1	B	6/2/2016			9200-34600-0101 9200-34600-0201 9200-34600-0301

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GH-3900.2	SB9200-34 600-11	A	4/26/2019	Backlight LED Replacement		9200-34 600-040 1
						9200-34 600-010 1
						9200-34 600-020 1
						9200-34 600-040 1
GH-3900.2	SB9200-34 600-2	D	1/29/2014	GH-3900.2 System software Release 1.2 (Version R01.02)		9200-34 600-010 1
						9200-34 600-020 1
						9200-34 600-030 1
						9200-34 600-040 1
GH-3900.2	SB9200-34 600-3	A	5/28/2014	Software 1.3		9200-34 600 1
						9200-34 600-010 1
						9200-34 600-020 1
						9200-34 600-030 1
GH-3900.2	SB9200-34 600-4	A	1/29/2015			9200-34 600 1
						9200-34 600-010 1
						9200-34 600-020 1
						9200-34 600-020 1

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GH-3900.2	SB9200-34600-5	A	9/14/2016	To prevent rate sensor loopback failure at start up.		9200-34600-0301 9200-34600-0401 9200-34600-0101 9200-34600-0201 9200-34600-0401
GH-3900.2	SB9200-34600-6	A	11/3/2016	Software 1.5 upgrade		9200-34600-0101 9200-34600-0201 9200-34600-0301 9200-34600-0401
GH-3900.2	SB9200-34600-7	A	3/8/2018	Display and Rate Sensor CCM replacement		9200-34600-0101 9200-34600-0201 9200-34600-0401
GH-3900.2	SB9200-34600-8	A	12/8/2017	System Software Release 1.6		9200-34600-0101 9200-34600-0201 9200-34600-0301

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GH-3900.2	SB9200-34 600-9	A	7/31/2018	Error Correcting RAM		9200-34 600-040 1 9200-34 600-010 1 9200-34 600-020 1
GH-3900.2	SB9200-34 602-1	B	7/18/2018	To prevent Memory corruptions		9200-34 600-040 1 9200-34 602-040 1
GH-3900.2	SB9200-34 602-3	A	3/8/2018	Display and Rate Sensor CCM replacement		9200-34 602-040 1
GH-3900.2	SB9200-34 602-4	A	12/8/2017	System Software Release 1.6		9200-34 602-040 1
GH-3900.2	SB9200-34 602-6	A	4/26/2019	Backlight LED Replacement		9200-34 602-040 1
GH-3900.2	SB9200-34 700-1	B	6/2/2016			9200-34 700-010 1 9200-34 700-020 1 9200-34 700-040 1
GH-3900.2	SB9200-34 700-10	A	4/26/2019	Backlight LED Replacement		9200-34 700-010 1 9200-34 700-040 1 9200-34 700-060 1
GH-3900.2	SB9200-34 700-10	A	4/26/2019	Backlight LED Replacement		9200-34 700-010 1

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						9200-34700-0401
						9200-34700-0601
GH-3900.2	SB9200-34700-3	D	1/29/2014	GH-3900.2 System Software Release 1.2 (Version R01.02)		9200-34700-0101
						9200-34700-0201
						9200-34700-0401
GH-3900.2	SB9200-34700-4	A	5/28/2014	Software 1.3		9200-34700
						9200-34700-0101
						9200-34700-0201
						9200-34700-0401
GH-3900.2	SB9200-34700-5	A	1/29/2015			9200-34700
GH-3900.2	SB9200-34700-6	A	11/3/2016	Software 1.5 Upgrade		9200-34700-0101
						9200-34700-0201
						9200-34700-0401
GH-3900.2	SB9200-34700-7	A	12/8/2017	System Software Release 1.6		9200-34700-0101
						9200-34700-0201
						9200-34700-0401

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GH-3900.2	SB9200-34700-8	B	7/31/2018	Error Correcting RAM		9200-34700-0601
						9200-34700-0101
						9200-34700-0201
						9200-34700-0601
GH-3900.2	SB9200-34701-1	A	7/31/2018	Error Correcting RAM		9200-34701-0201
						9200-34701-0401
GH-3900.2	SB9200-34701-3	A	4/26/2019	Backlight LED Replacement		9200-34701-0101
						9200-34701-0201
						9200-34701-0401
GH-3900.2	SB9200-34702-1	A	5/3/2017			9200-34700-0401
						9200-34702-0401
GH-3900.2	SB9200-34702-2	A	12/8/2017	System Software Release 1.6		
	SB9200-34702-4	A	4/26/2019	Backlight LED Replacement		9200-34702-0401
GH-3900.2	SB9200-34800-1	A	5/28/2014	Software 1.3		9200-34800 9200-34800-0101

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GH-3900.2	SB9200-34 800-2	A	1/29/2015			9200-34 800-020 1
						9200-34 800-040 1
						9200-34 800 9200-34 800-010 1
						9200-34 800-020 1
GH-3900.2	SB9200-34 800-3	A	9/14/2016	To prevent rate sensor loopback failure at start up.		9200-34 800-040 1
						9200-34 800-060 1
						9200-34 800-010 1
						9200-34 800-040 1
GH-3900.2	SB9200-34 800-4	A	11/3/2016	Software 1.5 upgrade		9200-34 800-060 1
						9200-34 800-010 1
						9200-34 800-020 1
						9200-34 800-040 1
GH-3900.2	SB9200-34 800-5	A	3/8/2018	Display and Rate Sensor CCM replacement		9200-34 800-060 1
						9200-34 800-010 1
						9200-34 800-020 1
						9200-34 800-040 1

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						9200-34 800-040 1 9200-34 800-060 1
GH-3900.2	SB9200-34 800-6	A	12/8/20 17	System Software Release 1.6		9200-34 800-010 1 9200-34 800-020 1 9200-34 800-040 1 9200-34 800-060 1
GH-3900.2	SB9200-34 800-7	A	7/31/20 18	Error Correcting RAM		9200-34 800-010 1 9200-34 800-060 1
GH-3900.2	SB9200-34 800-9	A	4/26/20 19	Backlight LED Replacement		9200-34 800-010 1 9200-34 800-040 1 9200-34 800-060 1
GH-3900.2	SB9200-34 802-1	B	7/18/20 18	To prevent Memory Corruptions		9200-34 800-040 1 9200-34 802-040 1
GH-3900.2	SB9200-34 802-2	A	2/21/20 17	To prevent rate sensor loopback failure at start up.		9200-34 802-040 1
GH-3900.2	SB9200-34 802-3	A	1/25/20 18	Display and Rate Sensor CCM replacement		9200-34 802-040 1



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GH-3900.2	SB9200-34802-4	A	12/8/2017	System Software Release 1.6		9200-34802-0401
GH-3900.2	SB9200-34802-6	A	4/26/2019	Backlight LED Replacement		9200-34802-0401
GH-3900.2	SB9200-34900-1	A	1/29/2015			9200-34900 9200-34900-0101
GH-3900.2	SB9200-34900-2	A	9/14/2016	To prevent rate sensor loopback failure at start up.		9200-34900-0101
GH-3900.2	SB9200-34900-3	A	11/3/2016	Software 1.5 upgrade		9200-34900-0101
GH-3900.2	SB9200-34900-4	A	1/25/2018	Display Rate and Sensor CCM Replacement		9200-34900-0101
GH-3900.2	SB9200-34900-5	A	12/8/2017	System Software Release 1.6		9200-34900-0101
GH-3900.2	SB9200-34900-6	A	4/4/2018	Error Correcting RAM		9200-34900-0101
GH-3900.2	SB9200-34900-8	A	4/26/2019	Backlight LED Replacement		9200-34900-0101
GH-3900.2	SB9200-34901-1	A	9/14/2016	To prevent rate sensor loopback failure at start up.		9200-34901-0101
GH-3900.2	SB9200-34901-2	A	1/25/2018	Display and Rate Sensor CCM replacement		9200-34901-0101
GH-3900.2	SB9200-34901-3	A	12/8/2017	System Software Release 1.6		9200-34901-3
GH-3900.2	SB9200-34901-4	A	4/4/2018	Error Correcting RAM		9200-34901-0101
GH-3900.2	SB9200-34901-6	A	4/26/2019	Backlight LED Replacement		9200-34901-0101

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TACAN+ TRC2634	SB9200-35000-1	B	2/4/2019	To replace components on Transmitter and frequency Generator Circuit Card Assemblies due to part availability.		9200-35000-0101 9200-35000-0102 9200-35000-0103
TACAN+ TRC2634	SB9200-35000-10	A	7/6/2015	Adds the capability to detect a lead aircraft that is transmitting in Beacon mode (coarse bearing signals) and, if this air-air bearing signal is not present, to automatically enter a new High Signal Dynamics 20-Meter mode of operation. Release 1.8		9200-35000-0101 9200-35000-0102
TACAN+ TRC2634	SB9200-35000-11	A	4/14/2016	To inform customers of Software Version 1.9 for the TRC2634 Transceiver.		9200-35000-0101 9200-35000-0102
TACAN+ TRC2634	SB9200-35000-12	C	2/4/2019	Reliability improvement providing reduced likelihood of unit incurring a degraded operational range condition. (MOD E)		9200-35000-0101 9200-35000-0102 9200-35000-0103
TACAN+ TRC2634	SB9200-35000-13	C	2/4/2019	To improve unit power up performance. (MOD F)		9200-35000-0101 9200-35000-0102 9200-35000-0103
TACAN+ TRC2634	SB9200-35000-14	A	9/13/2017	To inform customers of Software Version 1.10 for the TRC2634 Transceiver.		9200-35000-0101 9200-35000-0102

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TACAN+ TRC2634	SB9200-35000-2	A	8/23/2012	To inform customers of Software Version 1.3 for the TRC2634 Transceiver.		9200-35000-0101 9200-35000-0102
TACAN+ TRC2634	SB9200-35000-3	B	2/4/2019	Implement new Digital PCB assemblies P/N 9220-35008-01 & -02.		9200-35000-0101 9200-35000-0102 9200-35000-0103
TACAN+ TRC2634	SB920035000-4	A	11/13/2012	To inform customers of Software Version 1.4 for the TRC2634 Transceiver.		9200-35000-0101 9200-35000-0102
TACAN+ TRC2634	SB9200-35000-5	C	2/4/2019	Units listed in Table 1 were shipped without tin plating (bare copper) on the ground foil P/N 9000-35027-01 used on RF transmitter. The bare copper ground foil, must be replaced with tin plated copper ground foil to prevent degradation of the transmitter.		9200-35000-0101 9200-35000-0102
TACAN+ TRC2634	SB9200-35000-6	A	8/19/2013	Temporary loss of tracking (less than 3 seconds) can occur when two or more tracking channels are tuned to, or un-tuned from, the same frequency. (SW Version 1.5)		9200-35000-0101 9200-35000-0102
TACAN+ TRC2634	SB9200-35000-7	B	2/4/2019	To improve reliability and reduce likelihood of premature failure of fielded units.		9200-35000-0101 9200-35000-0102 9200-35000-0103
TACAN+ TRC2634	SB9200-35000-8	A	5/18/2015	Corrects an intermittent mode change issue associated with the MIL-STD-1553B interface (part no. 9200-35000-0101 only), and eliminates a condition where the TRC2634 transceiver may reply to interrogations while in Air-Air Receive-Only mode. SW1.6		9200-35000-0101

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TACAN+ TRC2634	SB9200-35000-9	A	6/22/2015	Incorporation of this software implements 1553 interface software v1.3 that will correct intermittent 1553 output data for tracking channels C and D. SW1.7		9200-35000-0102 9200-35000-0101 9200-35000-0102
GH-3900RSU	SB9200-38000-1 SB9200-38000-2	A A	3/2/2015 9/14/2016	To prevent rate sensor loopback failure at start up.		9200-38000-0101
GH-3900RSU	SB9200-38100-1 SB9200-38100-2	A A	3/2/2015 9/14/2016	Software release 1.1 To prevent rate sensor loopback failure at start up.		SB9200-38100-0101
DU-42	SB9200-38500-2	A	3/15/2016	DU-42 MOD B		9200-38500 9200-38500-0201
DU-42	SB9200-38500-3	A	4/19/2016	To improve engagement of the rear connector standoffs to connector J3		9200-38500-0201
DU-42	SB9200-38500-5	A	8/14/2017	Inspection MOD		9200-38500-0201
DU-42	SB9200-38600-2	A	3/15/2016	DU-42 MOD B		9200-38600 9200-38600-0201
DU-42	SB9200-38600-3	A	4/19/2016	Improve engagement of the rear connector standoffs to Connector J3		9200-38600-0201
DU-42	SB9200-38600-4	A	8/25/2016	Incorporation of MOD D		9200-38600-0201
DU-42	SB9200-38600-5	A	8/14/2017	Inspection MOD		9200-38600-0201

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GH-4200	SB9200-42000-6	A	4/9/2014			9200-42000-0201
GH-4200	SB9200-42000-7	A	3/16/2015			9200-42000-0201
GHR-4200	SB9200-42600-7	A	3/16/2015			9200-042600-0201
ESIS-5000	SB9200-43000-1	A	9/24/2015	Planning MOD		9200-43000-0201
ESIS-5000	SB9200-43000-2	A	3/16/2016	ESIS-5000 Mod B		9200-43000-0201
ESIS-5000	SB9200-43000-3	A	2/27/2017	Software Release 1.1		9200-43000-0201
ESIS-5000	SB9200-43000-4	A	10/16/2018	MOD C		9200-43000-0201
ESIS-5000	SB9200-43000-5	A	3/1/2019	Implement new supplier for bonded display assembly.		9200-43000-0201
TSC-1000	SB9200-44000-1	A	7/19/2018	To improve display bonding characteristic.		9200-44000-0101
TSC-1000	SB9200-44000-2	A	4/16/2019	To replace obsolete hold up capacitor.		9200-44000-0101
GH-4001	SB9200-45000-1	A	5/13/2016	System Software Release 1.1		9200-45000-0101 9200-45000-0101 9200-45000-0301 9200-45000-0401
GH-4001	SB9200-45000-2	A	8/17/2016	Incorporation of MOD A		9200-45000-0401

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GH-4001	SB9200-45000-3	A	12/18/2017	Update EESeal to support pin injection waveform 3 conditions.		9200-45000-0401
GH-4001	SB9200-45000-4	A	2/12/2019	System Software Release 1.2 (version R01.02)		9200-45000-0101 9200-45000-0301 9200-45000-0401
GH-4001	SB9200-45000-5	A	4/26/2019	Backlight LED Replacement		9200-45000-0101 9200-45000-0401
GH-4001	SB9200-45201-1	A	6/10/2015	Eliminate sticking of knob.		9200-45201-0101
GH-4001	SB9200-45201-2	A	5/13/2016	System Software Release 1.1		9200-45201 9200-45201-0101
GH-4001	SB9200-45201-3	A	2/12/2019	System Software Release 1.2 (version R01.02)		9200-45201-0101 9200-45201-0501
GH-4001	SB9200-45201-4	A	4/26/2019	Backlight LED Replacement		9200-45201-0101 9200-45201-5101
GH-4001	SB9200-45300-1	A	12/18/2017	Update EESeal to support pin injection waveform 3 conditions.		9200-45300-0201
GH-4001	SB9200-45300-2	A	2/12/2019	System Software Release 1.2 (version R01.02)		9200-45300-0101

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GH-4001	SB9200-45300-3	A	4/26/2019	Backlight LED Replacement		9200-45300-0201 9200-45300-0201 9200-45300-0301
GH-4001	SB9200-45400-1	A	4/26/2019	Backlight LED Replacement		9200-45400-0301
TRC691	SB-93	B	8/19/2005	T-34 NACWS TRC691 Software Version 1.7 upgrade. Improve NACWS coverage by processing data from the new low PRF Secondary Surveillance Radar Equipment.		805-10012-003
TRC691 TRC691 (T-6A NACWS) & (T-34 NACWS)	SB-94	B	8/19/2005	NACWS Low PRF Radar Database update Version RD01M20D. The radar database has been updated with FAA published data for 2001 and with information developed from radar data collection flights by Goodrich Avionics Systems. The database now includes data for t		805-10012-003 805-10012-013
TRC691 TRC691 (T-6A NACWS) & (T-34 NACWS)	SB-95	Orig	8/27/2001	NACWS Low PRF Radar Database update Version RD01M20D. The radar database has been updated with FAA published data for 2001 and with information developed from radar data collection flights by Goodrich Avionics Systems. The database now includes data for t		805-10012-003 805-10012-013
WX-1000 WX-1000+ WX-1000E WX-1000E 429EFIS WX-1000E 429NAVAID	SB-96	Orig	11/14/2001	MOD 3 identifies units, returned for repair, that have been inspection to ensure that the failures were not caused by secondary source parts that did not perform as expected. The suspect parts were used in a limited number of units as a replacement for pa		78-8051-9160-4 78-8060-5790-3 78-8060-5941-2 78-8060-6086-5 78-8060-6092-3
RT-1634(V)	SB-97	Orig	2/4/2002	To make the single-port ARINC-429 RT-1634(V) TACAN's compatible with the U.S. Army Model A2D (AMCOM DWG P/N 1000484) 1553 to 429 converter.		805D0602-31 805D0602-32 805D0602-35 805D0602-38 805D0602-42

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Aviation Products  
L3 Technologies  
5353 52nd St. SE  
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Model Number	Publication Number	Revision Level	Revision Date	Manual Description	Product Description	Part Number
RT-1634(V)	SB-98	Orig	4/9/2002	Makes interface of RT-1634(V)-43 TACAN compatible with the Wulfsberg Electronics RMS 555 and Honeywell FPD 500 EFIS systems		805D0602-43
WX-1000/SKY 497 Display	SB-99	C	11/9/2004	Some units have been experiencing high voltage module failures. It has been determined that HV arcing may contribute to these failures. HV arcing can be caused by a variety of factors including a poor connection, dirty anode cap, or an RTV seal that has		78-8060-5900-x
TAWS8000	SB-A117	Orig	7/9/2003	To prevent degradation of computed altitude that may result when a baro set potentiometer is connected to the TAWS8000 and also connected to an ADC. Refer to SM-134		805-18000-001
TAWS8000	SB-A127	Orig	12/9/2003	Software upgrade incorporates changes for the GPS position correction when using		805-18000-001