

SYSTEM AND ITEM	INSPECTION REQUIREMENT	ROUTINE	A	B	C CHECK X 500 HOURS											
					1	2	3	4	5	6	7	8	9	10	11	D or 12
Chapter 34 – Navigation																
1. ADF No. 1 and No. 2 1.a. ADF No. 1 and No. 2 Control Units (Pre-Mod 6/2049)	Condition and security of mounting; cables and connectors for security. Clean as required. (Card 23–14a)						X			X			X			X
1.b. ADF No. 1 and No. 2 Power Units	Condition; security of mounting; connections and terminal blocks. Clean as required. (Card 22–22a)						X			X			X			X
1.c. ADF No. 1 and No. 2 Loop Antennas (Pre-Mod 6/2003)	Covers for condition; moisture ingress and security; connectors and insulators for security. Clean as required. (Card 17–13b)					X		X		X		X		X		X
1.d. ADF No. 1 and No. 2 ADF Flexible Drives	Outer casing for condition and security. Rotate crank and make sure of free rotation of drive cable. (Card 23–05)						X			X			X			X
1.e. ADF No. 1 and No. 2 Sense Antennas	Masts for cracks and security; connectors and insulators for security; wires for correct tension and loose connections; covering for cracks and deterioration. Clean as required. (Card 10–05)				X	X	X	X	X	X	X	X	X	X	X	X
1.f. ADF No. 1 and No. 2 Indicator	Condition and security; cables and connectors for security. Clean as required. (Card 16–03k)					X		X		X		X		X		X

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						1	2	3	4	5	6	7	8	9	10	11	D or 12
2. 2.a.	VOR No. 1 and No. 2 Control Units (Pre-Mod 6/2049)	Condition and security of mounting; cables and connectors for security. Clean as required. (Card 23-14b)						X			X			X			X
2.b.	VOR No. 1 and No. 2 Antenna	Evidence of leakage at structure and loose connections; VOR antenna disconnect for security. Clean as required. (Cards 17-13a, 18-16)					X		X		X		X		X		X
2.c.	VOR No. 2 Power Divider	Condition and security; mounting bracket for security. (Card 22-22b)						X			X			X			X
2.d.	VOR No. 1 and No. 2 - Antenna (Mod 6/2003)	Inspect bonding of the mating surfaces between the VOR No. 1 and No. 2 antenna and the airframe (< 3.0 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 17-19a)					X		X		X		X		X		X
3. 3.a.	Glide Slope Receivers (Pre-Mod 6/2049)	Condition; security of mounting; cables and connectors for security. Clean as required. (Card 23-14c)						X			X			X			X

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					1	2	3	4	5	6	7	8	9	10	11	D or 12
3.b. Glide Slope - Antenna	Condition; loose connections and security of mounting. (Card 08–14a)				X	X	X	X	X	X	X	X	X	X	X	X
3.c. Glide Slope - Antenna (Mod 6/2003)	Inspect bonding of the mating surfaces between the glide slope antenna and the airframe (< 3.0 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 17–19b)					X		X		X		X		X		X
4. Marker Beacon																
4.a. Marker Beacon Receivers (Pre Mod 6/2049)	Condition and security of mounting; cables and connectors for security. Clean as required. (Card 22–22c)						X			X			X			X
4.b. Marker Beacon Indicator Lights (Pre Mod 6/2003)	Condition and security; cables and connectors for security. (Card 23–14d)						X			X			X			X
4.c. Marker Beacon Antenna	Loose connections, entry of moisture and security. (Card 17–13e)					X		X		X		X		X		X

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						1	2	3	4	5	6	7	8	9	10	11	D or 12
4.d.	Marker Beacon - Antenna (Mod 6/2003)	Inspect bonding of the mating surfaces between the marker beacon antenna and the airframe (< 3.0 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 17-19c)					X		X		X		X		X		X
5.	VHF COMM and/or NAV Combinations	Condition and security; cables and connectors for security. Clean as required. Note Refer to A.D., if applicable. (Cards 23-14b, 23-14c)															
5.a.	VOR and Glide Slope Controls Airworthiness (Pre-Mod 6/2049) Airworthiness Directive F.A.A. 80-18-05																
5.b.	NAV/COMM Antenna	Evidence of leakage at structure, loose connections, cracks and deformity. (Card 08-14b)				X	X	X	X	X	X	X	X	X	X	X	X
5.c.	VOR/ILS NAV Receiver (Pre-Mod 6/2003) Airworthiness Directive F.A.A. 86-25-01	Condition and security of mounting; cables and connectors for security. Clean as required. Note Refer to A.D., if applicable. (Card 23-14c)						X		X			X				X
5.d.	Power Supply Unit (Pre-Mod 6/2049)	Condition and security of mounting; cables for condition and connectors for security. Clean as required. (Card 22-22d)						X		X			X				X

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					1	2	3	4	5	6	7	8	9	10	11	D or 12
6- Weather Radar																
6.a. Weather Radar Transmitter and Receiver	Condition and security of mounting; cables and connectors for security. Clean as required. (Card 08-22)				X	X	X	X	X	X	X	X	X	X	X	X
6.b. Weather Radar Antenna (Pre-Mod 6/2003)	Condition and security; cables and connectors for security. Clean as required. (Card 08-14e)				X	X	X	X	X	X	X	X	X	X	X	X
6.c. Weather Radar Radar Indicator (Pre-Mod 6/2049)	Condition and security; control and indicators for condition; wiring and connectors for security. Clean as required. (Card 23-14f)						X			X			X			X
6.d. Weather Radar System	Operational test. (Power on). (Card FUN-B3)			X												
6.e. Weather Radar Transmitter and Receiver (RDR 2000) (Mod 6/2049)	Inspect bonding of mating surfaces between the unit base and the airframe (< 2.5 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 17-19d)					X		X		X		X		X		X
7. Nav Systems																
7.a. Nav Systems - All Systems	Operational test. (Power on). (Card FUN-B2)			X												

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						1	2	3	4	5	6	7	8	9	10	11	D or 12
7.b.	Nav Systems - Equipment Shock Mounts	Condition, corrosion and security; vibration isolators for condition. (Card 22-05)						X			X			X			X
7.c.	Nav Systems - Bonding Wires	Condition and security of attachments. (Card 15-02)					X		X		X		X		X		X
8.	Navigation Instruments																
8.a.(1)	Navigation Instruments - Turn and Slip Indicator (Pre-Mod 6/2049)	Condition; wiring and connectors for condition and security. Clean as required. (Card 16-03a)					X		X		X		X		X		X
8.a.(2)	Navigation Instruments - Turn and Slip Indicator (Pre-Mod 6/2049)	Remove for bench test. Install serviceable unit. (Card CT-G-B2)									X						X
8.b.(1)	Navigation Instruments - Directional Gyro (Pre-Mod 6/2049)	Condition; wiring and connectors for condition and security; caging mechanism for proper operation. Clean as required. (Card 16-03b)					X		X		X		X		X		X
8.b.(2)	Navigation Instruments - Directional Gyro (Pre-Mod 6/2049)	Remove for bench test. Install serviceable unit. (AIM directional gyros only). (Card CT-G-B3)									X						X
8.c.(1)	Navigation Instruments - Airspeed Indicator (Pre-Mod 6/2049)	Condition and security; hoses for condition. Clean as required. (Card 16-03c)					X		X		X		X		X		X

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						1	2	3	4	5	6	7	8	9	10	11	D or 12
8.c.(2)	Navigation Instruments Airspeed Indicator (Pre-Mod 6/2049)	Remove for bench test. Install serviceable unit. (Card CT-G-B4)									X						X
8.d.(1)	Navigation Instruments Attitude Indicator (Pre-Mod 6/2049)	Condition; connections for security; wiring and connectors for condition and security. Caging mechanism for proper operation. Clean as required. (Card 16-03d)					X		X		X		X		X		X
8.d.(2)	Navigation Instruments Attitude Indicator (Pre-Mod 6/2049)	Remove for bench test. Install serviceable unit. (Card CT-G-B5)									X						X
8.e.	Navigation Instruments Vertical Speed Indicator (Pre-Mod 6/2049)	Condition; connections for security; hoses for condition. Clean as required. (Card 16-03e)					X		X		X		X		X		X
8.f.(1)	Navigation Instruments Altimeter (Pre-Mod 6/2049) Airworthiness Directive C.T. CF-75-12	Condition; connections for security; hoses for condition. Note Refer to A.D., if applicable. (Card 16-03f)					X		X		X		X		X		X
8.f.(2)	Navigation Instruments Altimeter (Pre-Mod 6/2049) Airworthiness Directive C.T. CF-75-12	Remove for bench test. Install serviceable unit. (Card CT-G-B7)									X						X
or Every 2.5 years whichever occurs first																	

SYSTEM AND ITEM		INSPECTION REQUIREMENT	ROUTINE	A	B	C CHECK X 500 HOURS											
						1	2	3	4	5	6	7	8	9	10	11	D or 12
8.g.(1)	Navigational Instruments - Standby Compass	Condition and security. Clean as required. (Card 16-04a)					X		X		X		X		X		X
8.g.(2)	Navigational Instruments - Standby Compass	Compass swing. (Cards SP2-L1, 16-04b, CAL 16-4b)					Every 12 months or in accordance with Local Regulatory Authority										
8.h.	Navigational Instruments - Air Temperature Gauge (Pre-Mod 6/2049)	Condition and security. (Card 23-06)						X			X			X			X
8.i.	Navigational Instruments - Flux Detector (Pre-Mod 6/2049)	Condition and security; cables and connectors for security; mounting brackets for security. Clean as required. (Card 28-05)						X			X			X			X
8.j.	Navigational Instruments - Radio Magnetic Indicator (Pre-Mod 6/2049)	Condition and security; cables and connectors for security. (Card 16-03g)					X		X		X		X		X		X
8.k.	Navigational Instruments - Annunciator (Pre-Mod 6/2049)	Condition; connectors for security. (Card 16-03g)					X		X		X		X		X		X
8.l.	Navigational Instruments - Radio Altimeter (Pre-Mod 6/2049)	Condition and security of mounting; cables for condition and connector for security. (Card 18-12e)						X			X			X			X

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						1	2	3	4	5	6	7	8	9	10	11		
8.m.	Navigation Instruments DME Unit (Pre Mod 6/2049)	Condition and security of mounting; cables for condition and connector for security. (Card 18-12b)						X			X			X			X	
9.(1)	Pitot Heads	Condition and obstruction. (Card RA-EXT-15)	X															
9.(2)	Pitot Heads	Operational test. (Power on). (Card RA-OPR-01)	X															
9.(3)	Pitot Heads	Security and corrosion. (Card 08-13)				X	X	X	X	X	X	X	X	X	X	X	X	
10.	Static Vents	Condition and obstruction. (Card RA-EXT-15)	X															
11.	Selector Valve	Security and smooth operation. (Card 23-12)						X			X			X			X	
12.(1)	Pitot Static Installation	Condition; connectors for security. (Card 23-12)						X			X			X			X	
12.(2)	Pitot Static Installation	Moisture; drain moisture traps at following locations: a. Adjacent to pitot mast. b. Below static valve on center pylon. c. Autopilot computer static line. (Card 09-13)				X	X	X	X	X	X	X	X	X	X	X	X	
12.(3)	Pitot Static Installation	Functional test (leak test) pitot static line. (Card FUN-G3)								X							X	
or Every 2.5 years whichever occurs first																		

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					1	2	3	4	5	6	7	8	9	10	11	D or 12
13. Pitot Heads Electrical Wiring and Connections	Wiring for condition and connections for security. (Card 09–18)				X	X	X	X	X	X	X	X	X	X	X	X
14. C14 Gyro-Magnetic Compass (Pre-Mod 6/2049)	Condition and security. Clean as required. (Card 22-22e)						X			X			X			X
14.a. C14 Gyro-Magnetic Compass Control Head Unit (Pre-Mod 6/2049)	Condition and security. Clean as required. (Card 16-03j)					X		X		X		X		X		X
15.(1) Transponder (KXP 2290 or KXP 2290A)	Condition and security; bonding wires for condition and security of attachment. (Card 16–21a)					X		X		X		X		X		X
15.(2) Transponder (KXP 2290 or KXP 2290A)	Operational test. (Power on). (Card 16–21b)					X		X		X		X		X		X
15.(3) Transponder (KXP 2290 or KXP 2290A)	Inspect bonding of mating surfaces between the mounting tray and the nearest airframe ground (< 2.5 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 16–21c)					X		X		X		X		X		X

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					1	2	3	4	5	6	7	8	9	10	11	D or 12
15.(4) Transponder (KXP 2290 or KXP 2290A)	Inspect grounding of unit wiring bundle shield braid to airframe structure (2.5 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 16–21f)					X			X		X		X			X
15.(5) Transponder System (KXP 2290A) (Post Mod 6/2354 with SOO 6347)	Function Test Transponder System ADS-B Out Conformity. (Card SP2–L4)															
15.(6) Transponder (KXP 2290 or KXP 2290A)	Function Test. (Card SP2–L5)															
						Every 24 months or in accordance with Local Regulatory Authority										
15.(7) Transponder (KXP 2290 or KXP 2290A)	Transponder Air Data Input Verification. (Card SP2–L6)															
						Every 24 months or in accordance with Local Regulatory Authority										
15.a.(1) Lower Transponder Antennas No. 1 and No. 2 (Mod 6/2003) (Mod SOO 6388, 6381)	Condition and security; control and indicators for condition; wiring and connectors for security. Clean as required. (Card 08–14d)					X	X	X	X	X	X	X	X	X	X	X

SYSTEM AND ITEM	INSPECTION REQUIREMENT	ROUTINE	A	B	C CHECK X 500 HOURS											
					1	2	3	4	5	6	7	8	9	10	11	D or 12
15.a.(2) Lower Transponder Antennas No. 1 and No. 2 (Mod 6/2003) (Mod SOO 6388, 6381)	Inspect bonding of mating surfaces between the antennas and the airframe (< 3.0 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 16–21d)					X		X		X		X		X		X
15.b.(1) Upper Transponder Antennas No. 1 and No. 2 (Mod 6/2003) (Mod SOO 6388, 6381)	Condition and security; control and indicators for condition; wiring and connectors for security. Clean as required. (Card 08–14e)				X	X	X	X	X	X	X	X	X	X	X	X
15.b.(2) Upper Transponder Antennas No. 1 and No. 2 (Mod 6/2003) (Mod SOO 6388, 6381)	Inspect bonding of mating surfaces between the antennas and the airframe (< 3.0 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 16–21e)					X		X		X		X		X		X
16.(1) GPS No. 1 (KGS 200) (Mod 6/2049, Post Mod 6/2304) (Mod SOO 6388)	Condition and security; bonding wires for condition and security of attachment. (Card 15–20a)					X		X		X		X		X		X

SYSTEM AND ITEM		INSPECTION REQUIREMENT	ROUTINE	A	B	C CHECK X 500 HOURS											
						1	2	3	4	5	6	7	8	9	10	11	D or 12
16.(2)	GPS No. 1 (KGS 200) (Mod 6/2049) (Post Mod 6/2304) (Mod SOO 6388)	Operational test. (Power on). (Card 15–20b)					X		X		X		X		X		X
16.(3)	GPS No. 1 (KGS 200) (Mod 6/2049) (Post Mod 6/2304) (Mod SOO 6388)	Inspect bonding of mating surfaces between the GPS unit and the airframe (< 2.5 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 15–20c)					X		X		X		X		X		X
16.a.(1)	GPS No. 2 (KGS 200) (Mod 6/2049) (Post Mod 6/2304) (Mod SOO 6380)	Condition and security; bonding wires for condition and security of attachment. (Card 15–20d)					X		X		X		X		X		X
16.a.(2)	GPS No. 2 (KGS 200) (Mod 6/2049) (Post Mod 6/2304) (Mod SOO 6380)	Operational test. (Power on). (Card 15–20e)					X		X		X		X		X		X

SYSTEM AND ITEM	INSPECTION REQUIREMENT	ROUTINE	A	B	C CHECK X 500 HOURS											
					1	2	3	4	5	6	7	8	9	10	11	D or 12
16.a.(3) GPS No. 2 (KGS 200) (Mod 6/2049) (Post Mod 6/2304) (Mod SOO 6380)	Inspect bonding of mating surfaces between the GPS unit and the airframe (< 2.5 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 15–20f)					X		X		X		X		X		X
16.b.(1) GPS Antenna No. 1 (Mod 6/2003) (Mod SOO 6388)	Condition and security; control and indicators for condition; wiring and connectors for security. Clean as required. (Card 08–14f)				X	X	X	X	X	X	X	X	X	X	X	X
16.b.(2) GPS Antenna No. 1 (Mod 6/2003) (Mod SOO 6388)	Inspect bonding of mating surfaces between the antennas and the airframe (< 3.0 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 15–20g)					X		X		X		X		X		X
16.c.(1) GPS Antenna No. 2 (Mod 6/2003) (Mod SOO 6380)	Condition and security; control and indicators for condition; wiring and connectors for security. Clean as required. (Card 08–14g)				X	X	X	X	X	X	X	X	X	X	X	X

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					1	2	3	4	5	6	7	8	9	10	11	D or 12
16.c.(2) GPS Antenna No. 2 (Mod 6/2003) (Mod SOO 6380)	Inspect bonding of mating surfaces between the antennas and the airframe (< 3.0 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 15–20h)					X		X		X		X		X		X
17.(1) DME Transceiver Unit No. 1 (KN 63) (Mod 6/2049) (Mod SOO 6388)	Condition and security; bonding wires for condition and security of attachment. (Card 18–28a)					X		X		X		X		X		X
17.(2) DME Transceiver Unit No. 1 (KN 63) (Mod 6/2049) (Mod SOO 6388)	Operational test. (Power on). (Card 18–28b)					X		X		X		X		X		X
17.(3) DME Transceiver Unit No. 1 (KN 63) (Mod 6/2049) (Mod SOO 6388)	Inspect bonding of mating surfaces between the mounting tray and the airframe (< 2.5 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 18–28c)					X		X		X		X		X		X
17.a.(1) DME Transceiver Unit No. 2 (KN 63) (Mod 6/2049) (Mod SOO 6386)	Condition and security; bonding wires for condition and security of attachment. (Card 18–28d)					X		X		X		X		X		X

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						1	2	3	4	5	6	7	8	9	10	11	D or 12
17.a.(2)	DME Transceiver Unit No. 2 (KN 63) (Mod 6/2049) (Mod SOO 6386)	Operational test. (Power on). (Card 18–28e)					X		X		X		X		X		X
17.a.(3)	DME Transceiver Unit No. 2 (KN 63) (Mod 6/2049) (Mod SOO 6386)	Inspect bonding of mating surfaces between the mounting tray and the airframe (< 2.5 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 18–28f)					X		X		X		X		X		X
17.b.(1)	DME Transceiver Center Fuselage Antenna (Mod 6/2003) (Mod SOO 6388)	Condition and security; control and indicators for condition; wiring and connectors for security. Clean as required. (Card 08–14h)				X	X	X	X	X	X	X	X	X	X	X	X
17.b.(2)	DME Transceiver Center Fuselage Antenna (Mod 6/2003) (Mod SOO 6388)	Inspect bonding of mating surfaces between the antennas and the airframe (< 3.0 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 18–28g)					X		X		X		X		X		X
17.c.(1)	DME Antenna No. 2 (Mod 6/2003) (Mod SOO 6386)	Condition and security; control and indicators for condition; wiring and connectors for security. Clean as required. (Card 08–14i)				X	X	X	X	X	X	X	X	X	X	X	X

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					1	2	3	4	5	6	7	8	9	10	11	D or 12
17.c.(2) DME Antenna No. 2 (Mod 6/2003) (Mod SOO 6386)	Inspect bonding of mating surfaces between the antennas and the airframe (< 3.0 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 18–28h)					X		X		X		X		X		X
18.(1) Radar Altimeter Unit No. 1 (Mod 6/2049) (Mod SOO 6388)	Condition and security; bonding wires for condition and security of attachment. (Card 18–29a)					X		X		X		X		X		X
18.(2) Radar Altimeter Unit No. 1 (Mod 6/2049) (Mod SOO 6388)	Operational test. (Power on). (Card 18–29b)					X		X		X		X		X		X
18.(3) Radar Altimeter Unit No. 1 (Mod 6/2049) (Mod SOO 6388)	Inspect bonding of mating surfaces between the mounting tray and the airframe (< 2.5 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 18–29c)					X		X		X		X		X		X
18.a.(1) Radar Altimeter Unit No. 2 (Mod SOO 6218) (Mod 6/2049)	Condition and security; bonding wires for condition and security of attachment. (Card 18–29d)					X		X		X		X		X		X

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					1	2	3	4	5	6	7	8	9	10	11	D or 12
18.a.(2) Radar Altimeter Unit No. 2 (Mod SOO 6218) (Mod 6/2049)	Operational test. (Power on). (Card 18–29e)					X		X		X		X		X		X
18.a.(3) Radar Altimeter Unit No. 2 (Mod SOO 6218) (Mod 6/2049)	Inspect bonding of mating surfaces between the mounting tray and the airframe (< 2.5 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 18–29f)					X		X		X		X		X		X
18.b.(1) Radar Altimeter Antenna No. 1 (Mod 6/2003) (Mod SOO 6388)	Condition and security; control and indicators for condition; wiring and connectors for security. Clean as required. (Card 08–14j)				X	X	X	X	X	X	X	X	X	X	X	X
18.b.(2) Radar Altimeter Antenna No. 1 (Mod 6/2003) (Mod SOO 6388)	Inspect bonding of mating surfaces between the antenna and the airframe (< 3.0 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 18–29g)					X		X		X		X		X		X

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SYSTEM AND ITEM	INSPECTION REQUIREMENT	ROUTINE	A	B	C CHECK X 500 HOURS											
					1	2	3	4	5	6	7	8	9	10	11	D or 12
18.c.(1) Radar Altimeter Antenna No. 2 (Mod 6/2003) (Mod SOO 6388)	Condition and security; control and indicators for condition; wiring and connectors for security. Clean as required. (Card 08–14k)				X	X	X	X	X	X	X	X	X	X	X	
18.c.(2) Radar Altimeter Antenna No. 2 (Mod 6/2003) (Mod SOO 6388)	Inspect bonding of mating surfaces between the antenna and the airframe (< 3.0 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 18–29h)					X		X		X		X			X	
18.d.(1) Radar Altimeter Antenna No. 3 (Mod SOO 6218)	Condition and security; control and indicators for condition; wiring and connectors for security. Clean as required. (Card 08–14p)				X	X	X	X	X	X	X	X	X	X	X	
18.d.(2) Radar Altimeter Antenna No. 3 (Mod SOO 6218)	Inspect bonding of mating surfaces between the antenna and the airframe (< 3.0 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 18–29i)					X		X		X		X			X	

SYSTEM AND ITEM		INSPECTION REQUIREMENT	ROUTINE	A	B	C CHECK X 500 HOURS											
						1	2	3	4	5	6	7	8	9	10	11	D or 12
18.e.(1)	Radar Altimeter Antenna No. 4 (Mod SOO 6218)	Condition and security; control and indicators for condition; wiring and connectors for security. Clean as required. (Card 08–14q)				X	X	X	X	X	X	X	X	X	X	X	X
18.e.(2)	Radar Altimeter Antenna No. 4 (Mod SOO 6218)	Inspect bonding of mating surfaces between the antenna and the airframe (< 3.0 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 18–29j)					X		X		X		X		X		X
19.(1)	TCAS I Processor Unit (KTA 970) (Mod 6/2049) (Mod SOO 6382)	Condition and security; bonding wires for condition and security of attachment. (Card 15–21a)					X		X		X		X		X		X
19.(2)	TCAS I Processor Unit (KTA 970) (Mod 6/2049) (Mod SOO 6382)	Operational test. (Power on). (Card 15–21b)					X		X		X		X		X		X
19.(3)	TCAS I Processor Unit (KTA 970) (Mod 6/2049) (Mod SOO 6382)	Inspect bonding of mating surfaces between the mounting tray and the airframe (< 2.5 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 15–21c)					X		X		X		X		X		X

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SYSTEM AND ITEM	INSPECTION REQUIREMENT	ROUTINE	A	B	C CHECK X 500 HOURS											
					1	2	3	4	5	6	7	8	9	10	11	D or 12
19.a.(1) TCAS II Processor Unit (KTA 970) (Mod SOO 6219) (Mod 6/2049)	Condition and security; bonding wires for condition and security of attachment. (Card 15–21d)					X		X		X		X		X		X
19.a.(2) TCAS II Processor Unit (KTA 970) (Mod SOO 6219) (Mod 6/2049)	Operational test. (Power on). (Card 15–21e)					X		X		X		X		X		X
19.a.(3) TCAS II Processor Unit (KTA 970) (Mod SOO 6219) (Mod 6/2049)	Inspect bonding of mating surfaces between the mounting tray and the airframe (< 2.5 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 15–21f)					X		X		X		X		X		X
19.b.(1) TCAS Antenna Upper No. 1 (Mod 6/2003) (Mod SOO 6382)	Condition and security; control and indicators for condition; bonding wires and connectors for security. Clean as required. (Card 08–14l)				X	X	X	X	X	X	X	X	X	X	X	X
19.b.(2) TCAS Antenna Upper No. 1 (Mod 6/2003) (Mod SOO 6382)	Inspect bonding of mating surfaces between the antennas and the airframe (< 3.0 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 15–21g)					X		X		X		X		X		X

SYSTEM AND ITEM		INSPECTION REQUIREMENT	ROUTINE	A	B	C CHECK X 500 HOURS											
						1	2	3	4	5	6	7	8	9	10	11	D or 12
19.c.(1)	TCAS Antenna Upper No. 2 (Mod SOO 6219) (Mod 6/2003)	Condition and security; control and indicators for condition; wiring and connectors for security. Clean as required. (Card 08–14m)				X	X	X	X	X	X	X	X	X	X	X	
19.c.(2)	TCAS Antenna Upper No. 2 (Mod SOO 6219) (Mod 6/2003)	Inspect bonding of mating surfaces between the antennas and the airframe (< 3.0 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 15–21h)					X		X		X		X		X	X	
19.d.(1)	TCAS Antenna Lower (Mod 6/2003) (Mod SOO 6382)	Condition and security; control and indicators for condition; bonding wires and connectors for security. Clean as required. (Card 08–14o)				X	X	X	X	X	X	X	X	X	X	X	
19.d.(2)	TCAS Antenna Lower (Mod 6/2003) (Mod SOO 6382)	Inspect bonding of mating surfaces between the antennas and the airframe (< 3.0 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 15–21i)					X		X		X		X		X	X	
20.(1)	EGPWS (MK VI) (Mod 6/2049) (Mod SOO 6387)	Condition and security; bonding wires for condition and security of attachment. (Card 15–22a)					X		X		X		X		X	X	

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SYSTEM AND ITEM		INSPECTION REQUIREMENT	ROUTINE	A	B	C CHECK X 500 HOURS											
						1	2	3	4	5	6	7	8	9	10	11	D or 12
20.(2)	EGPWS (MK VI) (Mod 6/2049) (Mod SOO 6387)	Operational test. (Power on). (Card 15-22b)					X		X		X		X		X		X
20.(3)	EGPWS (MK VI) (Mod 6/2049) (Mod SOO 6387)	Inspect bonding of mating surfaces between the mounting tray and the airframe (< 2.5 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 15-22c)					X		X		X		X		X		X
21.(1)	XM Satellite Weather Receiver (XMD 157-01) (Mod SOO 6211) (Mod 6/2019)	Condition and security; bonding wires for condition and security of attachment. (Card 15-23a)					X		X		X		X		X		X
21.(2)	XM Satellite Weather Receiver (XMD 157-01) (Mod SOO 6211) (Mod 6/2049)	Operational test. (Power on). (Card 15-23b)					X		X		X		X		X		X
21.(3)	XM Satellite Weather Receiver (XMD 157-01) (Mod SOO 6211) (Mod 6/2049)	Inspect bonding of mating surfaces between the unit and the airframe (< 2.5 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 15-23c)					X		X		X		X		X		X

SYSTEM AND ITEM	INSPECTION REQUIREMENT	ROUTINE	A	B	C CHECK X 500 HOURS												D or 12
					1	2	3	4	5	6	7	8	9	10	11		
21.a.(1) XM Antenna (Mod SOO 6211) (Mod 6/2003)	Condition and security; control and indicators for condition; wiring and connectors for security. Clean as required. (Card 08-14n)				X	X	X	X	X	X	X	X	X	X	X	X	
21.a.(2) XM Antenna (Mod SOO 6211) (Mod 6/2003)	Inspect bonding of mating surfaces between the antennas and the airframe (< 3.0 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 17-19e)					X		X		X		X		X		X	
22.(1) ADAHRS No. 1 (KSG 7200) (Mod 6/2049)	Condition and security; bonding wires for condition and security of attachment. (Card 15-24a)					X		X		X		X		X		X	
22.(2) ADAHRS No. 1 (KSG 7200) (Mod 6/2049)	Operational test. (Power on). (Card 15-24b)					X		X		X		X		X		X	
22.(3) ADAHRS No. 1 (KSG 7200) (Mod 6/2049)	Inspect bonding of mating surfaces between the mounting tray and the airframe (< 1.0 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 15-24c)					X		X		X		X		X		X	

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SYSTEM AND ITEM		INSPECTION REQUIREMENT	ROUTINE	A	B	C CHECK X 500 HOURS											
						1	2	3	4	5	6	7	8	9	10	11	D or 12
22.(4)	ADAHRS No. 1 (KSG 7200) (Mod 6/2049)	ADAHRS No. 1 reversion switches operational test. (Card FUN–A9)		X													
22.a.(1)	ADAHRS No. 2 (KSG 7200) (Mod SOO 6209) (Mod 6/2049)	Condition and security; bonding wires for condition and security of attachment. (Card 15–24d)					X		X		X		X		X	X	
22.a.(2)	ADAHRS No. 2 (KSG 7200) (Mod SOO 6209) (Mod 6/2049)	Operational test. (Power on). (Card 15–24e)					X		X		X		X		X	X	
22.a.(3)	ADAHRS No. 2 (KSG 7200) (Mod SOO 6209) (Mod 6/2049)	Inspect bonding of mating surfaces between the mounting tray and the airframe (< 1.0 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 15–24f)					X		X		X		X		X	X	
22.a.(4)	ADAHRS No. 2 (KSG 7200) (Mod SOO 6209) (Mod 6/2049)	ADAHRS No. 2 reversion switches operational test. (Card FUN–A9)		X													
22.b.(1)	ADAHRS Magnetometer (KMG 7010) (Mod SOO 6209) (Mod 6/2049) (Pre Mod 6/2171)	Condition and security; cables for security, support structure for security and condition. (Card 20–18a)					X		X		X		X		X	X	

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SYSTEM AND ITEM	INSPECTION REQUIREMENT	R O U T I N E	A	B	C CHECK X 500 HOURS											
					1	2	3	4	5	6	7	8	9	10	11	D or 12
23.(1) ADF Antenna No. 1 (Mod SOO 6209) (Mod 6/2003)	Covers for condition; moisture ingress, cracks, deterioration and security; connectors and insulators for security; masts for cracks and security. Clean as required. (Card 10–05A)				X	X	X	X	X	X	X	X	X	X	X	
23.(2) ADF Antenna No. 1 (Mod SOO 6209) (Mod 6/2003)	Inspect bonding of mating surfaces between the antenna and the airframe (< 3.0 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 17–19i)					X		X		X		X		X		
24.(1) ADF Antenna No. 2 (Mod SOO 6217) (Mod 6/2003)	Covers for condition; moisture ingress, cracks, deterioration and security; connectors and insulators for security; masts for cracks and security. Clean as required. (Card 10–05B)				X	X	X	X	X	X	X	X	X	X	X	
24.(2) ADF Antenna No. 2 (Mod SOO 6217) (Mod 6/2003)	Inspect bonding of mating surfaces between the antenna and the airframe (< 3.0 milliohms). Note HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details. (Card 17–19j)					X		X		X		X		X		

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