

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
Chapter 34 – Navigation																
1. 1.a.	ADF No. 1 and No. 2 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
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.	VOR No. 1 and No. 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.	Glide Slope																
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 17–13c)					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 5.a. VOR and Glide Slope Controls Airworthiness (Pre Mod 6/2049) Airworthiness Directive F.A.A. 80-18-05	Condition and security; cables and connectors for security. Clean as required. Note Refer to A.D., if applicable. (Cards 23–14b, 23–14c)						X		X		X		X			X
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 23–14e)						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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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
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 08-14c)				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. Navigational Instruments																
8.a.(1) Navigational 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) Navigational 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) Navigational 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) Navigational 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) Navigational 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)	Navigational Instruments - Airspeed Indicator (Pre Mod 6/2049)	Remove for bench test. Install serviceable unit. (Card CT-G-B4)								X							X
8.d.(1)	Navigational 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)	Navigational Instruments - Attitude Indicator (Pre Mod 6/2049)	Remove for bench test. Install serviceable unit. (Card CT-G-B5)								X							X
8.e.	Navigational 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)	Navigational 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)	Navigational 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 18-12c)						X			X			X			X	

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					1	2	3	4	5	6	7	8	9	10	11		
8.m. Navigational 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	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	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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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
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

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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
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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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
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

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
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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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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					1	2	3	4	5	6	7	8	9	10	11		
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	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		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	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		X	

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
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	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
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	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
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	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	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	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
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

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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	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
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	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		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	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		X

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