

DHC-6 TWIN OTTER
EMMA Controlled Inspection Program

CARD No. CALENDAR

A/C Registration No.		Date.		
Area:		Trade:		
Calendar items must be accomplished if the annual utilization is less than 875 flight hours. Card numbers in the left column indicate which card the item is listed on. These items must be performed at the twelve (12) month calendar interval and may be done with the applicable EMMA check if it coincides with the calendar interval.				
Card No.	Item No.	Item Every Twelve (12) Months	Mech. Initial	Insp. Initial
9	6	SM3000 Aileron servo cables for fraying, kinks, flattening, proper attachment and security; turnbuckles for security, freedom of operation. Clamps for security and no evidence of movement on main flight control cable. (22-51).		
11	2	SM3000 Elevator and Rudder servo cables for fraying, kinks, flattening, proper attachment and security; turnbuckles for security, freedom of operation. Clamps for security and no evidence of movement on main flight control cable. (22-52, 22-53).		
11	5	KS 272A Pitch trim servo cable for fraying, kinks, flattening, proper attachment and security; turnbuckles for security, freedom of operation. Clamps for security and no evidence of movement on main flight control cable. (22-54).		
11	23	Power distribution and generator control box for condition and security; terminals, connectors and relays for condition and security, signs of overheat, arcing, torque of large terminal posts. Clean as required. Current limiters (Mod 6/1651) for condition and serviceability. (24-05).		
15	9	Elevator control quadrants for cleanliness, damage, corrosion and security; bearings for corrosion, cleanliness and security; stops for damage. (27-11).		
16	4b	Compass Swing (standby Compass). (34-8g-2).		

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16	12	Rudder and elevator trim tab controls for full and free movement; security of attachment at rudder and elevator trim control console. (27-05-1).		
16	14	Flap position cable for corrosion, fraying, flattening and security of attachment; spring for condition, tension and security; indicator for smooth operation, dracon cable cord at window frame, small pulley locations for condition. (27-09f).		
16	23	SM3000 Aileron servo - Check bridle cable tensions. (22-51C).		
17	6	Fuel Manifold (Mod 6/2389) - Bonding clamp and terminal lug sealant for condition and integrity, peeling, cracking or evidence of corrosion. Inspect bonding jumpers for condition, security, integrity and corrosion. If damaged, replace component; re-apply sealant. (28-02-3).		
17	9	Main gear fairings for cracks, delamination and security; seals for tears, deterioration and security. (32-14-1).		
18	3	Flap/elevator interconnect trim tab and flap indicator cables for condition, fraying, corrosion, flattening and security of attachment; turnbuckles for security; pulleys for condition, security and freedom of operation. (27-10c-1).		
18	6	Rudder, elevator and aileron flight control cables (flight compartment to empennage) for fraying, corrosion, flattening, proper attachment and security; pulleys for condition and freedom of movement; pulley brackets and guides for condition and security; turnbuckles for security. NOTE: In the event of early or abnormal cable wear at pulley(s), replace the worn cable(s) and the corresponding pulley(s). (27-04-1).		

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18	18	Rudder and elevator trim tab controls (flight compartment to empennage) for full and free movement; cables for fraying, kinks, flattening, proper attachment and security; turnbuckles for security; pulleys for freedom of operation; pulley brackets for condition and security. (27-05-1).		
18	22	Fuselage aileron, elevator and rudder flight control cables, flap to elevator interconnect tab cables, flap selector valve and follow up cables and all trim tab cables for tensions. (27-04-4, 27-05-2, 27-09c-2, 27-10c-2).		
18	33	SM3000 Elevator servo - Check bridle cable tensions. (22-52c).		
18	35	SM3000 Rudder servo - Check bridle cable tensions. (22-53c).		
18	38	KS 272A Pitch trim servo - Check bridle cable tensions. (22-54h).		
19	1	Elevator and rudder tab cables for fraying, kinks, flattening, corrosion and security of attachment. (27-04-1).		
20 and 21	11 10	Aileron flight control cables for fraying, corrosion, flattening, proper attachment and security; pulleys for condition and freedom of movement; pulley brackets and guides for condition and security. (27-04-1).		
22	19	Nose gear attachment fittings for corrosion and cracks. NOTE: Preload bolt torque marks for proper alignment. (32-08b).		
24	4	Landing gear stay struts for cracks, corrosion and security; main landing gear upper and lower fuselage attachment fittings for condition and security. (32-16, 32-18).		
25	2	Toilet unit, if installed, and surrounding structure for condition and security, evidence of corrosion. (25-02).		

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26	1	Accessible internal structure of horizontal and vertical stabilizer for corrosion, cracks, buckling and security. (55-01b).		
26	5c	Horizontal stabilizer outboard hinge arm adapter plate (Pre and Post Mod 6/1799) for condition, if applicable. (55-02e).		
26	5f	Horizontal stabilizer leading edge skin for condition; dents scores and fasteners for security; and aft of deicing boots, if installed, for surface corrosion. (55-02g).		
26	7a	Rudder skin for condition, dents, scores, buckling; leading edge silicon aerodynamic seal for adhesion and security. (55-04a).		
26	7b	Rudder lower hinge arm (Pre Mod and Mod 6/1340) for condition; corrosion and bearing for wear. NOTE: Refer to EMMA Card No.26-07b NOTE. (55-04b).		
26	8a	Elevator skin for condition, dents, scores, buckling; leading edge silicon aerodynamic seal for adhesion and security. (55-05a-2).		
26	8d	Elevator outboard hinge arm (Pre Mod 6/1799) for condition, if applicable. (55-05h).	N/A Mod incorporated	
26	8g	Elevator torque tube for condition, corrosion and security of fasteners. (55-05d).		
27 and 28	1	Nose spar adapter D nose section for condition; corrosion and fasteners for security; leading edge skin for condition, corrosion and security; hinges for condition and smooth operation of D nose leading edge cover; stay bar for condition and security of stowage. (57-02).		
27 and 28	7 8	Internal structure of wing and nacelle, where accessible, for condition, cracks, buckling and corrosion. (54-01-2, 57-08).		

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27 and 28	9 10	Aileron and flap bellcranks for corrosion and security; bearings for condition. Clean as required. (57-21).		
18	32	Pressure test coupler. (Mod SOO 6215, Mod 6/2049). NOTE: Refer to PSM 1-64-2, Maintenance Manual. (23-03h-3).		
20 and 21	14b 13b	Wing root rib/flap pushrod support rollers, lubricate inside of spacer and bolt. (27-14-a).		
TOTAL SIGN OFF				