

HILL AIRCRAFT & LEASING CORP.

3948 Aviation Circle
 Atlanta, Georgia 30336
 FAA CRS ESER686D

AFTT: 6973.2
 AFTL: 6385
 # 1 ENG. TT: 11214.6
 # 1 ENG. TC: 10,000
 # 2 ENG. TT: 6929.7
 # 2 ENG. TC: 5888

Serial Number: BB-884
 Reg. Number: N49JG
 Date: 3/20/2008
 C of A: 6/19/1981

**RAYTHEON B200 King Air Research Worksheet
 FRED TAYLOR COMPANY**

NOMENCLATURE	REFERENCE	FREQUENCY	LAST COMPLIANCE	NEXT DUE
Phase 1 Inspection	5-00-00	800 hours/ 24 months	6/29/2007 6727.8	7527.8
Phase 2 Inspection	5-00-00	800 hours/ 24 months	02-01-08 @ 6925.6	02/28/10 7725.6
Phase 3 Inspection	5-00-00	800 hours/ 24 months	9-22-06 @ 6532.9	9/30/08 7127.8
Phase 4 Inspection	5-00-00	800 hours/ 24 months	9-22-06 @ 6532.9	9-30-08 or 7327.8
ELT Inspection	FAR 91.207(d)	12 months	8-07-07	8-31-08
ELT Battery Replacement	FAR 91.207(d) 5-11-00	24 months	8-07-07	5-31-09
No. 1 Altimeter Recertification	FAR 91.411 5-20-05	24 months	7-24-07	7-31-09
Air Data Computer Recertification	FAR 91.411 5-20-05	24 months	7-24-07	7-31-09
No. 2 Altimeter Recertification	FAR 91.411 5-20-05	24 months	7-24-07	7-31-09
No. 1 Transponder Recertification	FAR 91.413 5-20-05	24 months	7-24-07	7-31-09
No. 2 Transponder Recertification	FAR 91.413 5-20-05	24 months	7-24-07	7-31-09
200 Hour Lubrication Requirements	12-20-00	200 hours	6925.6	7125.6
400 Hour Lubrication Requirements	12-20-00	400 hours	6727.8	7127.8
600 Hour Lubrication Requirements	12-20-00	600 hours	6925.6	7525.6
800 Hour Lubrication Requirements	12-20-00	800 hours	6350.8	7150.8
1200 Hour Lubrication Requirements	12-20-00	1200 hours	6350.8	7550.8
12 Month Wing Bolt Lubrication	12-20-00	Annually	10-05-07	10-31-08
LH Starter Generator SN: Y0183	5-11-00	1000 hours	6532.9	7532.9
RH Starter Generator SN: 99265	5-11-00	1000 hours	6532.9	7532.9
Battery, Emergency Capacity Test	Gill Document # Q01-1100	800 hrs. / 12 mos. after new install	10-05-07 @ 6833.5 new	10-31-08 7633.5

NOMENCLATURE	REFERENCE	FREQUENCY	LAST COMPLIANCE	NEXT DUE
Battery, Emergency Capacity Test	Gill Document # Q01-1100	800 hr / 12 mo Init. 400 hr. / 6 mo sub.	10-05-07 @ 6833.5 Installed new	10/31/2008 7633.5
LH Engine Oil Filter Replacement	5-11-00 5-20-05	1000 hours	10,539.5 ETSN	11,539.5 ETSN
RH Engine Oil Filter Replacement	5-11-00 5-20-05	1000 hours	6254.9 ETSN	7254.9 ETSN
LH P3 Filter Replacement	5-11-00 5-20-05	1000 hours	10,592.2 ETSN	11,592.2 ETSN
RH P3 Filter Replacement	5-11-00 5-20-05	1000 hours	6790 ETSN	7790 ETSN
Instrument Air Filter Replacement	5-11-00	600 hours	6925.6	7525.6
LH Main Gear Actuator Clevis Hole Inspection	5-00-00	1000 cycles	6802.2	7802.2
RH Main Gear Actuator Clevis Hole Inspection	5-00-00	1000 cycles	6802.2	7802.2
Nose Gear Actuator Clevis Hole Inspection	5-00-00	1000 cycles	6802.2	7802.2
A/C Compressor Belt Tension Check	5-20-05	50 hr. of A/C Oper. after new install	New Install 9-22-06 @ 6532.9	After next belt install
Pedestal Power Lever Stop Pin Inspection	5-20-05	1200 hours	6663.5	7863.5
Wing Center Section Upper Surface Bonded Panel Skin Inspection	5-20-05 51-11-00	600 hours/ 18 months (AD 89-19-04R1)	6925.6 on 02-01-08	7525.6 or 8-31-09
Pax Oxygen Shut-Off Valve O-Ring Replacement	5-11-00 5-20-05	24 months	7-24-07	7-31-09
(Mechanical) Nose L/G Actuator Screw End-Play Ck.	5-20-05	1000 cycles or 30 months	6335 cycles on 02-01-08	7335 cycles or 8-31-10
(Mechanical) L/H MLG Actuator Screw End-Play Ck.	5-20-05	1000 cycles or 30 months	6304 cycles on 11-30-07	7304 cycles or 5-31-10
(Mechanical) R/H MLG Actuator Screw End-Play Ck.	5-20-05	1000 cycles or 30 months	6304 cycles on 11-30-07	7304 cycles or 5-31-10
LH Engine HSI SN: PCE-93793	P & W SB # 3003 5-20-05	1800 hours	9681.1 ETSN	11,481.1 ETSN
RH Engine HSI SN: PCE-93068	P & W SB # 3003 5-20-05	1800 hours	5817.7 ETSN	7617.7 ETSN
LH Engine TBO SN: PCE-93793	P & W SB # 3003 5-11-00	3600 hours	9681.1 ETSN	13,281.1 ETSN
RH Engine TBO SN: PCE-93068	P & W SB # 3003 5-11-00	3600 hours	5817.7 ETSN	9417.7 ETSN
LH Engine Mount Vibration Isolation Inspection	5-11-00 5-20-05	Engine TBO or 4000 hours	2899.4	9039.7 ACTT Engine OVH
RH Engine Mount Vibration Isolation Inspection	5-11-00 5-20-05	Engine TBO or 4000 hours	5860.9	9860.9 or Engine OVH
Oxygen Cylinder Hydro Test(Lightweight-3HT 1850)	5-20-05	3 years	10-5-07	10-31-10
Oxygen Regulator OVH	5-20-05	When Cylinder is tested	10-5-07	10-31-10

Emergency exit sign Insp.

12 month

6/29/2007

6/30/2008

REF 101-590010-19B13

10-31-2006

NOMENCLATURE	REFERENCE	FREQUENCY	LAST COMPLIANCE	NEXT DUE
Oxygen Cylinder Replacement (Lightweight Cyl. - 3HT 1850)	5-20-05	24 years or 4,380 Fill & Depletion Cycles	10-31-04	10-31-2028
LH Lower Forward Wing Bolt and Nut Replacement	5-20-05 SIRM 57-17-01	5 years	5-16-03	5-31-08
RH Lower Forward Wing Bolt and Nut Replacement	5-20-05 SIRM 57-17-01	5 years	5-16-03	5-31-08
LH Upper Forward, Upper AFT & Lower AFT Wing Bolt Inspection	5-20-05 SIRM 57-17-01	5 years	5-16-03	5-31-08
LH Wing Bolt Fittings Inspection	SIRM 57-17-01	5 years	5-16-03	5-31-08
RH Wing Bolt Fittings Inspection	SIRM 57-17-01	5 years	5-16-03	5-31-08
Wings Bolt Retorque	SIRM 57-17-01	1st Inspection after Replacement	6/29/07 6727.8	1st Insp. after next Replace
LH Wing Upper and Lower Front Spar Cap Inspection	5-20-05 SIRM 57-17-01	5 year initial/ 1 year sub.	10-05-07	10-31-08
RH Wing Upper and Lower Front Spar Cap Inspection	5-20-05 SIRM 57-17-01	5 year initial/ 1 year sub.	10-05-07	10-31-08
LH Wing Bolt Replacement	4-00-00/5-11-00	15 years	4-23-93	4-30-08
RH Wing Bolt Replacement	4-00-00/5-11-00	15 years	4-23-93	4-30-08
Cockpit Portable Fire Extinguisher Hydro/Replace	5-20-05	12 years	1-1-2003	1-31-2015
Cabin Portable Fire Extinguisher Hydro/Replace	5-20-05	12 years	1-1-2003	1-31-2015
(Mechanical) Landing Gear Motor OVH	5-11-00	8000 cycles 6 years	5670 cycles on 7-27-05	13,670 cy. or 7-31-2011
Brake System Hoses Replacement (exposed)	5-11-00	5 years	5-11-04	5-31-09
LH Engine Flammable Liquid Hoses Replacement	5-11-00	5 years	3-4-04	3-31-09
RH Engine Flammable Liquid Hoses Replacement	5-11-00	5 years	2-01-08	2-28-12
LH Propeller TBO SN: FY-1810	HSL 61()/ McCauley SB 137	72 months or 4000 hrs.	6-29-05 @ 6350.8	6-30-2011 or 10,350.8
RH Propeller TBO SN: FY-1537	HSL 61()/ McCauley SB 137	72 months or 4000 hrs.	6-29-05 @ 6350.8	6-30-2011 or 10,350.8
LH Nacelle Fuel Cell/Probe Sludge Inspection	5-20-05	2400 hours/ 30 months	6532.9 on 9-22-06	8932.9 or 3-31-09
RH Nacelle Fuel Cell/Probe Sludge Inspection	5-20-05	2400 hours/ 30 months	6532.9 on 9-22-06	8932.9 or 3-31-09
LH Main Gear Shock Absorber Assembly Insp.	5-20-05	8000 cycles 6 years	5282 cy. on 5-11-04	13,282 cy. or 5-31-2010
LH Main Gear Drag Brace Assembly Inspection	5-20-05	8000 cycles 6 years	5282 cy. on 5-11-04	13,282 cy. or 5-31-2010
LH Main Gear Axle Assembly & Torque Knees Inspection	5-20-05	8000 cycles 6 years	5282 cy. on 5-11-04	13,282 cy. or 5-31-2010

NOMENCLATURE	REFERENCE	FREQUENCY	LAST COMPLIANCE	NEXT DUE
RH Main Gear Shock Absorber Assembly Insp.	5-20-05	8000 cycles 6 years	5282 cy. on 5-18-04	13,282 cy. or 5-31-2010
RH Main Gear Drag Brace Assembly Inspection	5-20-05	8000 cycles 6 years	5282 cy. on 5-18-04	13,282 cy. or 5-31-2010
RH Main Gear Axle Assembly & Torque Knees Inspection	5-20-05	8000 cycles 6 years	5282 cy. on 5-18-04	13,282 cy. or 5-31-2010
LH Flap Flex Shaft Inspect	5-20-05	5000 cycles	5069.4 AFTT	10,069.4 AFTT
RH Flap Flex Shaft Inspect	5-20-05	5000 cycles	5069.4 AFTT	10,069.4 AFTT
Edgelighted Panel Assemblies Inspection	5-20-05	2000 hours 4 years	6532.9 on 9-22-06	8532.9 or 9-30-2010
Nose Gear Shock Absorber Assembly Inspection	5-20-05	8000 cycles 6 years	5282 cy. on 5-11-04	13,282 cy. or 5-31-2010
Nose Gear Drag Brace Assembly Inspection	5-20-05	8000 cycles 6 years	5282 cy. on 5-11-04	13,282 cy. or 5-31-2010
Nose Gear Axle & Torque Knees Assembly Inspection	5-20-05	8000 cycles 6 years	5282 cy. on 5-11-04	13,282 cy. or 5-31-2010
Upper & Lower Windshield Corners Inspection	5-20-05 Chapter 53	10,000 cycles int./ 1000 cycles subs.	N/A	10,000 cycles
Cabin Door and Fuselage Frame Inspection	5-20-05 Chapter 53	10,000 cycles int./ 1000 cycles subs.	N/A	10,000 cycles
Windshield Screw Replace	4-00-00/5-11-00	10,000 cycles	N/A	10,000 cycles
Cabin Door Fwd. & Aft Side Latch Bolts Replacement	4-00-00 5-11-00	5000 cycles	5174 cycles	10,174 cycles
Airstair Door & Escape Hatches Inspection	5-20-05	5000 cycles initial/ 1000 cycles subs.	5861 cycles	6861 cycles
Forward Pressure Bulkhead Inspection (FS 84)	5-20-05	2500 cycles	6205	8705 cycles
Exterior Skin Inspection	5-20-05	10,000 cycles int./ 1000 cycles subs.	N/A	10,000 cycles
Fuselage Frame FS84-FS347.75 Inspection	5-20-05	10,000 cycles int./ 1000 cycles subs.	N/A	10,000 cycles
Frame Web FS 179-FS 271 Inspection	5-20-05	10,000 cycles int./ 1000 cycles subs.	N/A	10,000 cycles
Stringers From FS88-FS125 & Instrument Panel Support Brackets Inspection	5-20-05	10,000 cycles	N/A	10,000 cycles
Flight Controls Inspection	5-20-05	10,000 cycles int./ 5000 cycles subs.	N/A	10,000 cycles
AFT Fuselage Area & Rear Pressure Bulkhead Inspect.	5-20-05	10,000 cycles int./ 500 cycles subs.	N/A	10,000 cycles
Cabin Door Upper Latch Hooks & Hardware Replace.	4-00-00 5-11-00	10,000 cycles	N/A	10,000 cycles
Wing and Associated Structure Fatigue Safelife	4-00-00 5-11-00	30,000 hours	N/A	30,000.0
Horizontal and Vertical Stabilizer Safelife	4-00-00 5-11-00	45,000 hours	N/A	45,000.0
(Mechanical) Retract Gear Box & Clutch Inspection	5-20-05	8000 cycles 6 years	5670 cycles on 7-27-05	13,670 cy. or 7-31-2011

REF 101-590010-19B13

10-31-2006

NOMENCLATURE	REFERENCE	FREQUENCY	LAST COMPLIANCE	NEXT DUE
(Mechanical) Nose Gear Actuator OVH/Replacement	5-11-00	8000 cycles 6 years	5670 cycles on 7-26-05	13,670 cycles or 7-31-2011
(Mechanical) L/H Main Gear Actuator OVH/Replacement	5-11-00	8000 cycles 6 years	4990 cycles on 11-23-01	14304 cycles or 03-31-2013
(Mechanical) R/H Main Gear Actuator OVH/Replacement	5-11-00	8000 cycles 6 years	4990 cycles on 11-23-01	14304 cycles or 03-31-2013
L/H Engine Overspeed Governor OVH/Replacement	Woodward S/B # 33580() / 5-11-00	6500 hrs. if flown 120 hrs. yearly	6350.8 on 7-26-05	12,850.8
R/H Engine Overspeed Governor OVH/Replacement	Woodward S/B # 33580() / 5-11-00	6500 hrs. if flown 120 hrs. yearly	2899.4 on 12-18-92	9399.4
L/H Engine Primary Prop. Governor OVH/Replacement	Woodward S/B # 33580() / 5-11-00	4500 hrs. if flown 120 hrs. yearly	10,592.2 ETSN on 7-26-05	15,092.2 ETSN
R/H Engine Primary Prop. Governor OVH/Replacement	Woodward S/B # 33580() / 5-11-00	4500 hrs. if flown 120 hrs. yearly	5817.7 ETSN on 2-25-03	10,317.7 ETSN
L/H Engine Fire Extinguisher Cylinder Hydrostat Inspect	5-11-00 5-20-05	5 years	6-30-04	6-30-09
R/H Engine Fire Extinguisher Cylinder Hydrostat Inspect	5-11-00 5-20-05	5 years	7-26-05	7-31-2010
L/H Engine Fire Extinguisher Cylinder Squib Replacement	5-11-00 5-20-05	6 yrs. From D.O.M. or 4 yrs. from T.I.S.	DOM 11-07	11-30-2013
R/H Engine Fire Extinguisher Cylinder Squib Replacement	5-11-00 5-20-05	6 yrs. From D.O.M. or 4 yrs. from T.I.S.	DOM 11-07	11-30-2013
Pneumatic Flow Control Unit Solenoid Valve Filter Clean	5-11-00	800 hours	L/H & R/H C/W @ 6593.6	L/H & R/H Due @ 7393.6
Rudder Boost Filter Replacement	5-20-05	400 hours	02-01-08 @ 6925.6	7325.6
Cabin Altitude Warning Sys. Pressure Switch Check	5-20-05	12 months	10-05-07	10-31-08
Oxygen System Barometric Pressure Switch Check	5-20-05	12 months	10-05-07	10-31-08
Pilot's Fuel Control Panel, Lower EL panel, Co-pilot's EL circuit breaker panel Insp.	5-20-05	12 months	10-05-07	10-31-08
FAR 135 Aircraft Weight & Balance Requirement	FAR 135.185	3 years	6-29-07	6-30-09
FAR 135 Aircraft Avionics Inspection		Annually	2-1-08	2-28-09
Nose Wheel & Tie-Bolts Inspection (P/N 40-204)	Maint. Instructions for 40-204 N.W.A.	Every Tire Change		
Main Wheel & Tie-Bolts Inspection (P/N 40-203)	CM40-203 C. M. M.	Every Tire Change		
(Recurring) Aft Fuselage Stringer Inspection	(AD 2005-01-18)	500 cycles	7-31-07 6125 cycles	6625 cycles
LH Engine Fuel Nozzle Flow Check & Inspection	P&WC M/M 72-00 Table 601	400 hours	6-29-2007 10,969.0	11,369.0 ETSN
RH Engine Fuel Nozzle Flow Check & Inspection	P&WC M/M 72-00 Table 601	400 hours	6-29-2007 6684.3	7084.3 ETSN

NOMENCLATURE	REFERENCE	FREQUENCY	LAST COMPLIANCE	NEXT DUE
LH Propeller Assy. & De-Ice System Inspection	Raisbeck Maint. Document 85-120	200 hours	6973.2	7173.2
RH Propeller Assy. & De-Ice System Inspection	Raisbeck Maint. Document 85-120	200 hours	6973.2	7173.2
LH Ram Air Recovery System Inspection	Raisbeck Maint. Document 85-120	200 hours	6925.6	7125.6
RH Ram Air Recovery System Inspection	Raisbeck Maint. Document 85-120	200 hours	6925.6	7125.6
Cockpit & Cabin Portable Fire Ext. Weight Check		6 months	10-05-07	4-30-08
Reserved for future use				
Reserved for future use				
Reserved for future use				

NOMENCLATURE	REFERENCE	LIFE LIMIT	CYCLE SINCE NEW	REMAINING
LH Engine-Stage 1 Power Turbine Disk	P & WC S/B # PT6A-72-3002	30,000 cycles	3322	26678
LH Engine-Stage 2 Power Turbine Disk	P & WC S/B # PT6A-72-3002	30,000 cycles	3322	26678
LH Engine-Centrifugal Impeller	P & WC S/B # PT6A-72-3002	20,000 cycles	9544	10456
LH Engine-Stage 3 Compressor Disk	P & WC S/B # PT6A-72-3002	20,000 cycles	9544	10456
LH Engine-Stage 2 Compressor Disk	P & WC S/B # PT6A-72-3002	20,000 cycles	9544	10456
LH Engine-Compressor Rotor	P & WC S/B # PT6A-72-3002	30,000 cycles	3322	26678
LH Engine-Compressor Turbine Disk	P & WC S/B # PT6A-72-3002	10,000 cycles	1245	8755
RH Engine-Stage 1 Power Turbine Disk	P & WC S/B # PT6A-72-3002	8,000 cycles	5437	2563
RH Engine-Stage 2 Power Turbine Disk	P & WC S/B # PT6A-72-3002	8,000 cycles	5437	2563
RH Engine-Centrifugal Impeller	P & WC S/B # PT6A-72-3002	20,000 cycles	5437	14563
RH Engine-Stage 3 Compressor Disk	P & WC S/B # PT6A-72-3002	20,000 cycles	775	19225
RH Engine-Stage 2 Compressor Disk	P & WC S/B # PT6A-72-3002	20,000 cycles	775	19225
RH Engine-Compressor Rotor	P & WC S/B # PT6A-72-3002	20,000 cycles	775	19225
RH Engine-Compressor Turbine Disk	P & WC S/B # PT6A-72-3002	10,000 cycles	775	9225

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