

ECOLIFT CORPORATION									
AIRCRAFT S/N:		30671		A/C HOURS: 3628.2		ENG 1: 2323.8		CYCLES: 6927	
REPORT DATE:		09-Dec-20				ENG 2: 1701.0		CYCLES: 5814	
A/C MODEL:		Bell 212		REGISTRATION NO.: N369EC					
WEIGHT & BALANCE:		28-Nov-04		REG.OWNER: ECOLIFT CORPORATION					
FLIGHT MANUAL REV. :				TORQUE EVENTS:				LANDINGS:	
SCHEDULED INSPECTION									
INSPECTION FREQUENCY	TASK DESCRIPTION	REFERENCE INFO	BASED ON	EVERY	LAST INSP @ A/C HOUR / DATE	HOURS @ INSTALL	HOURS REMAINING	ACTION REQ'D @ A/C TOTAL HOUR /DATE	50%OR LESS REMAIN *****
100 HOUR - PART A	AIRFRAME INSPECTION	BHT INSP. 5-6	INHR	100	3628.2	N/A	100.0	3728.2	
12 MONTH - PART A	AIRFRAME INSPECTION	BHT INSP. 5-6	INYR	1	Jan-21	N/A		Feb-22	
1000 HOUR - PART A	AIRFRAME INSPECTION	BHT INSP. 5-7	INHR	1000	3628.2	N/A	1000.0	4628.2	
3000 HOUR - PART A	AIRFRAME INSPECTION	BHT INSP. 5-8	INHR	3000	3628.2	N/A	3000.0	6628.2	
5 YEAR - PART A	AIRFRAME INSPECTION	BHT INSP. 5-8	INYR	5	Jan-21	N/A		Feb-26	
SPECIAL INSPECTION									
INSPECTION FREQUENCY	TASK DESCRIPT.	REFERENCE INFO	BASED ON	EVERY	LAST INSP @ A/C HOUR / DATE	HOURS @ INSTALL	HOURS REMAINING	ACTION REQ'D @ A/C TOTAL HOUR / DATE	50%OR LESS REMAIN *****
5-10 HOURS AFTER EACH INSTALL	TQ CHECK	BHT INSP. 5-16	INHR	10					
25 HOURS FLIGHT OPERATION	DETAILED VISUAL INSPECTION	BHT INSP. 5-19	INHR	25	3628.2		25.0	3653.2	****
7 DAY CORROSION	MAIN ROTOR BLADE CLEAN/LUBE	BHT INSP. 5-20	INDA	7					
30 DAY CORROSION	MAIN ROTOR BLADE CLEAN/LUBE	BHT INSP. 5-20	INDA	30					
50 HRS AFTER INSTALL	TQ CHECK	BHT INSP. 5-21	INHRS	50					
50 HOURS COMPONENT OPERATION	DETAILED VISUAL INSPECTION	BHT INSP. 5-22	INHR	50	3628.2		50.0	3678.2	
100 HOUR M/R BLADE OPERATION	CLEAN INSPECT	BHT INSP. 5-22A	INHR	100	3628.2		100.0	3728.2	
100 HOUR	TRANSMISSION INSPECTION	BHT INSP. 5-23	INHR	100	3628.2	9218.4	100.0	3728.2	
12 MONTH	TRANSMISSION INSPECTION	BHT INSP. 5-23	INMO	12	Jan-21			Feb-22	
100 HOUR	INTERMEDIATE G/B INSPECTION	BHT INSP. 5-24	INHR	100	3628.2		100.0	3728.2	
12 MONTH	INTERMEDIATE G/B INSPECTION	BHT INSP. 5-24	INMO	12	Jan-21			Feb-22	
100 HOUR	TAIL ROTOR G/B INSPECTION	BHT INSP. 5-25	INHR	100	3628.2		100.0	3728.2	
12 MONTH	TAIL ROTOR G/B INSPECTION	BHT INSP. 5-25	INMO	12	Jan-21			Feb-22	
100 HOUR	BATTERY SYSTEM	BHT INSP. 5-26	INHR	100	3628.2		100.0	3728.2	
12 MONTH	BATTERY SYSTEM	BHT INSP. 5-26	INMO	12	Jan-21			Feb-22	
100 HOURS AFTER INSTALL	TQ CHECK	BHT INSP. 5-27	INHR	100					
300 HOUR	TRANSMISSION OPERATION	BHT INSP. 5-30	INHR	300	3628.2	9218.4	300.0	3928.2	
12 MONTH	TRANSMISSION OPERATION	BHT INSP. 5-30	INMO	12	Jan-21			Feb-22	
600 HOUR	TRANSMISSION OPERATION	BHT INSP. 5-33	INHR	600	3628.2	9218.4	600.0	4228.2	
400 HOUR	MAIN ROTOR GRIP INSPECTION	BHT INSP. 5-34	INHR	400	3628.2		400.0	4028.2	
1600 CYCLES	MAIN ROTOR GRIP INSPECTION	ASB 212-02-16	CYCLES	1600				1600.0	
1000 HOUR COMPONENT OPERATION	OIL COOLER BLOWN/TO ACCUM.	BHT INSP. 5-35	INHR	1000	3628.2		1000.0	4628.2	
600 HOUR	T/R DRIVESHAFT COUPLINGS	BHT INSP. 5-36	INHR	600	3628.2		600.0	4228.2	
6 MONTH	T/R DRIVESHAFT COUPLINGS	BHT INSP. 5-36	INMO	6	Jan-21			Aug-21	
600 HOUR	MAIN DRIVESHAFT OPERATION	BHT INSP. 5-37	INHR	600	3628.2		600.0	4228.2	
12 MONTH	MAIN DRIVESHAFT OPERATION	BHT INSP. 5-37	INMO	12	Jan-21			Feb-22	
1000 HOUR	FLIGHT CONTROL TUBES	BHT INSP. 5-38	INHR	1000	3628.2				
3000 HOUR	FLIGHT CONTROL TUBES	BHT INSP. 5-38	INHR	3000	3628.2		3000.0	6628.2	
1000 HOUR	MAIN ROTOR BLADES OPERATION	BHT INSP. 5-39	INHR	1000	3628.2		1000.0	4628.2	
12 MONTH	MAIN ROTOR BLADES OPERATION	BHT INSP. 5-39	INMO	12	Jan-21			Feb-22	
1200 HOUR	M/R COMPONENTS	BHT INSP. 5-40	INHR	1200	3628.2		1200.0	4628.2	
24 MONTHS	M/R COMPONENTS	BHT INSP. 5-40	INMO	24	Feb-14			Feb-16	
1200 HOUR	M/R HUB PIN OPERATION	BHT INSP. 5-41	INHR	1200	3628.2		1200.0	4628.2	
24 MONTH	FLIGHT CONTROL SYSTEM BOLTS	BHT INSP. 5-42	INMO	24	Jan-21			Feb-23	
3000 HOUR	MAIN ROTOR MAST	BHT INSP. 5-43	INHR	3000	3628.2		3000.0	6628.2	
ELT INSPECTION	ANNUAL OPERATION CHECKS	FAR. 91.207	INMO	12	Jan-21	N/A		Feb-22	
ELT BATTERY REPLACEMENT		FAR. 91.413	INYR	5	Jan-21	N/A		Jan-26	
TRANSPONDER CHECK	84129079	FAR. 91.413	INMO	24	Jan-21	N/A		Feb-23	

LUBRICATION									
INSPECTION FREQUENCY	TASK DESCRIPTION	REFERENCE INFO	BASED ON	EVERY	LAST INSP @ A/C HOUR / DATE	HOURS @ INSTALL	HOURS REMAINING	ACTION REQ'D @ A/C TOTAL HOUR / DATE	50% OR LESS REMAIN *****
25 HOUR	LUBRICATION	CHAP 12 FIG 12-3	INHR	25	3628.2	N/A	25.0	3653.2	
50 HOUR	LUBRICATION	CHAP 12 FIG 12-3	INHR	50	3628.2	N/A	50.0	3678.2	
50 HRS	LUBRICATION	TB 212-81-56	INHR	50	3628.2	N/A	50.0	3678.2	
100 HRS	LUBRICATION	CHAP. 12 FIG 12-3	INHR	100	3628.2	N/A	100.0	3728.2	
300 HR	LUBRICATION	CHAP. 12 FIG 12-3	INHR	300	3628.2	N/A	300.0	3828.2	
300 HR	FUEL NOZZLE ASSEMBLY	CHAP 72-00-00 ENGINE	INHR	300	3628.2	N/A	300.0	3828.2	
600 HOUR	M/R DRIVESHAFT COUPLINGS	CHAP. 12 FIG 12-3	INHR	600	3628.2	N/A	600.0	4228.2	
12 MONTH	M/R DRIVESHAFT COUPLINGS	CHAP. 12 FIG 12-3	INMO	12 MO	Jan-21	N/A		Feb-22	
600 HOUR	T/R DRIVESHAFT COUPLINGS	CHAP. 12 FIG 12-3	INHR	600	3628.2	N/A	600.0	4228.2	
6 MONTH	T/R DRIVESHAFT COUPLINGS	CHAP. 12 FIG 12-3	INMO	6 MO	Jan-21	N/A		Aug-21	
ENGINE		PT6-T3 CP-PS 60600							
INSPECTION FREQUENCY	TASK DESCRIPTION	REFERENCE INFO	BASED ON	EVERY	LAST INSP @ A/C HOUR / DATE	HOURS @ INSTALL	HOURS REMAINING	ACTION REQ'D @ A/C TOTAL HOUR / DATE	50% OR LESS REMAIN *****
25 HOUR	SERVICE AS NEEDED	72-00-00 TABLE 601	INHR	25	3628.2		25.0	3653.2	
50 HOUR	INSPECT EXHAUST DUCT	72-00-00 TABLE 601	INHR	50	3628.2		50.0	3678.2	
6 MONTH	INSPECT EXHAUST DUCT	72-00-00 TABLE 601	INMO	6 MO	Jan-21			Aug-21	
100 HOUR	INSPECT / SERVICE	72-00-00 TABLE 601	INHR	100	3628.2		100.0	3728.2	
150 HOUR	DETAILED VISUAL INSPECTION	72-00-00 TABLE 601	INHR	150	3628.2		150.0	3778.2	
6 MONTH	DETAILED VISUAL INSPECTION	72-00-00 TABLE 601	INMO	6 MO	Jan-21			Aug-21	
12 MONTH	DETAILED VISUAL INSPECTION	72-00-00 TABLE 601	INMO	12 MO	Jan-21			Feb-22	
300 HOUR	INSPECT / SERVICE	72-00-00 TABLE 601	INHR	300	3628.2		300.0	3828.2	
12 MONTH	INSPECT / SERVICE	72-00-00 TABLE 601	INMO	12 MO	Feb-14			Feb-15	
600 HOUR	INSPECT / SERVICE	72-00-00 TABLE 601	INHR	600	3628.2		600.0	4228.2	
900 HOUR	INSPECT / SERVICE	72-00-00 TABLE 601	INHR	900	3628.2		900.0	4328.2	
12 MONTH	INSPECT / SERVICE	72-00-00 TABLE 601	INMO	12 MO	Jan-21			Feb-22	
24 MONTH	INSPECT / SERVICE	72-00-00 TABLE 601	INMO	24 MO	Jan-21			Feb-23	
ENGINE		PT6-T3 CP-PS 61992							
INSPECTION FREQUENCY	TASK DESCRIPTION	REFERENCE INFO	BASED ON	EVERY	LAST INSP @ A/C HOUR / DATE	HOURS @ INSTALL	HOURS REMAINING	ACTION REQ'D @ A/C TOTAL HOUR / DATE	50% OR LESS REMAIN *****
25 HOUR	SERVICE AS NEEDED	72-00-00 TABLE 601	INHR	25	3628.2		25.0	3653.2	
50 HOUR	INSPECT EXHAUST DUCT	72-00-00 TABLE 601	INHR	50	3628.2		50.0	3678.2	
6 MONTH	INSPECT EXHAUST DUCT	72-00-00 TABLE 601	INMO	6 MO	Jan-21			Aug-21	
100 HOUR	INSPECT / SERVICE	72-00-00 TABLE 601	INHR	100	3628.2		100.0	3728.2	
150 HOUR	DETAILED VISUAL INSPECTION	72-00-00 TABLE 601	INHR	150	3628.2		150.0	3778.2	
6 MONTH	DETAILED VISUAL INSPECTION	72-00-00 TABLE 601	INMO	6 MO	Jan-21			Aug-21	
12 MONTH	DETAILED VISUAL INSPECTION	72-00-00 TABLE 601	INMO	12 MO	Jan-21			Feb-22	
300 HOUR	INSPECT / SERVICE	72-00-00 TABLE 601	INHR	300	3628.2		300.0	3828.2	
12 MONTH	INSPECT / SERVICE	72-00-00 TABLE 601	INMO	12 MO	Jan-21			Feb-22	
600 HOUR	INSPECT / SERVICE	72-00-00 TABLE 601	INHR	600	3628.2		600.0	4228.2	
900 HOUR	INSPECT / SERVICE	72-00-00 TABLE 601	INHR	900	3628.2		900.0	4328.2	
12 MONTH	INSPECT / SERVICE	72-00-00 TABLE 601	INMO	12 MO	Jan-21			Feb-22	
24 MONTH	INSPECT / SERVICE	72-00-00 TABLE 601	INMO	24 MO	Jan-21			Feb-23	

COMPONENT DESCRIPTION	PART NUMBER	SERIAL NUMBER	OVERHAUL RETIREMENT	SERVICE LIFE	A/F HOURS @ INSTALL	COMPONENT HOURS @ INSTALL	TIME REMAINING	REMOVE @ A/C HOURS / DATE	50%OR LESS REMAIN *****
M/R BLADE	212-015-501-115	A-7887	RTHR	4000	3627.7	0.0	3999.5	7627.7	
M/R BLADE	212-015-501-115	A-7900	RTHR	4000	3627.7	0.0	3999.5	7627.7	
M/R MAST ASSEMBLY	204-040-366-021	A6625	INHR	3000	3628.2	119.5	2880.5	6508.7	
M/R MAST ASSEMBLY	204-040-366-021	A6625	OHHR	5000	3628.2	119.5	4880.5	8508.7	
MAST TUBE	204-011-450-105	NFS-52198	RTHR	15000	3348.7	99.8	14620.7	18248.9	
MAST BEARING	212-040-136-001	JB-1281	OHHR	2500	3628.2	119.5	2380.5	6008.7	
M/R HUB ASSY	204-012-101-009	ADA-50166	OHHR	2400	3627.7	0.0	2399.5	6027.7	
M/R HUB ASSY	204-012-101-009	ADA-50166	IHHR	1200	3627.7	0.0	1199.5	4827.7	
M/R HUB BUSHING	204-011-135-105	BT-3288	RTHR	3600	3627.7	581.4	3018.1	6646.3	
M/R HUB BUSHING	204-011-135-105	BT-3285	RTHR	3600	3627.7	581.4	3018.1	6646.3	
M/R HUB BUSHING	204-011-135-105	BT-3290	RTHR	3600	3627.7	581.4	3018.1	6646.3	
M/R HUB BUSHING	204-011-135-105	BT-3289	RTHR	3600	3627.7	581.4	3018.1	6646.3	
PITCH HORN	204-011-120-005	REFS-341	RTHR	3000	3621.2	678.0	2315.0	5943.2	
PIN	204-012-104-005	DIFS 16372	RTHR	2400	3627.7	96.3	2303.2	5931.4	
PIN	" "	DIFS 14677	RTHR	2400	3627.7	96.3	2303.2	5931.4	
FITTING OUT BOARD	204-012-103-005	A-86	RTHR	3600	3627.7	648.5	2951.0	6579.2	
FITTING IN BOARD	204-010-103-007	A-3660	RTHR	2400	3627.7	648.5	1751.0	5379.2	
STRAP ASSY	204-310-101-101	TBD	RTHR	1200	3627.7	0.0	1199.5	4827.7	
" "	" "	TBD	INHR	24 MO	Jan-21	0.0		Jan-23	
YOKE	212-011-102-105	A-864M	RTHR	10000	3621.2	574.9	9418.1	13046.3	
TRUNNION	204-011-105-001	A1-06637	RTHR	15000	3627.7	648.5	14351.0	17979.2	
PITCH HORN	204-011-120-005	REFS-286	RTHR	3000	3621.2	678.0	2315.0	5943.2	
PIN	204-012-104-005	DIFS 14754	RTHR	2400	3627.7	96.3	2303.2	5931.4	
PIN	204-012-104-005	DIFS 14632	RTHR	2400	3627.7	96.3	2303.2	5931.4	
FITTING OUT BOARD	204-012-103-005	A-19	RTHR	3600	3627.7	648.5	2951.0	6579.2	
FITTING IN BOARD	204-010-103-007	A-3626	RTHR	2400	3627.7	648.5	1751.0	5379.2	
STRAP ASSY	204-310-101-101	TBD	RTHR	1200	3627.7	0.0	1199.5	4827.7	
" "	" "	TBD	INVR	24 MO	Jan-21	0.0		Jan-23	
PILLOW BLOCK BUSHING	204-011-135-105	BT-3288	RTHR	3600	3621.2	574.9	3018.1	6646.3	
PILLOW BLOCK BUSHING	204-011-135-105	BT-3285	RTHR	3600	3621.2	574.9	3018.1	6646.3	
PILLOW BLOCK BUSHING	204-011-135-105	BT-3290	RTHR	3600	3621.2	574.9	3018.1	6646.3	
PILLOW BLOCK BUSHING	204-011-135-105	BT-3289	RTHR	3600	3621.2	574.9	3018.1	6646.3	
PILLOW BLOCK	204-011-108-113	A-343	COND		3627.7	0.0		COND	
PILLOW BLOCK	204-011-108-119	A-256	COND		3627.7	0.0		COND	
T/R HUB ASSY			OHHR	2500	3628.2	0.0	2500.0	6128.2	
T/R BLADE	212-010-750-105	A 4178	RTHR	5000	3324.8	500.0	4196.6	7824.8	
T/R BLADE	212-010-750-009	A-108	RTHR	5000	3324.8	885.5	3811.1	7439.3	
YOKE	212-011-704-107	A 721FM	RTHR	5000	3324.8	569.3	4127.3	7755.5	
HANGER ASSY	212-040-600-001	A20-04659	OHHR	3000	3627.5	774.1	2225.2	5853.4	
T/R HANGER BEARING	204-040-623-109	NC 4760	RTHR	1000	3627.5	454.4	544.9	4173.1	
HANGER ASSY	212-040-600-001	A20-04072	OHHR	3000	3627.5	774.1	2225.2	5853.4	
T/R HANGER BEARING	204-040-623-109	NC 12404	RTHR	1000	3627.5	187.8	811.5	4439.7	
HANGER ASSY	212-040-600-001	A20-03211	OHHR	3000	3627.5	774.1	2225.2	5853.4	
T/R HANGER BEARING	204-040-623-109	NN 0196	RTHR	1000	3627.5	288.5	730.8	4359.0	
HANGER ASSY	212-040-600-001	A20-04868	OHHR	3000	3627.5	774.1	2225.2	5853.4	
T/R HANGER BEARING	204-040-623-109	NC 5044	RTHR	1000	3627.5	288.5	730.8	4359.0	
MAIN DRIVE SHAFT	212-040-005-103	A20-02087	OHHR	3000	3627.5	1775.1	1224.2	4852.4	***
TRANSMISSION ASSEMBLY	212-040-001-115	ABW 40225	OHHR	1000	3628.2	0.0	1000.0	4628.2	
MAIN INPUT QUILL	212-040-363-103	UNK	OHHR	1000	3628.2	0.0	1000.0	4628.2	
T/R QUILL ASEMBLY	212-040-365-019	UNK	OHHR	1000	3628.2	0.0	1000.0	4628.2	
ROTOR BRAKE QUILL	412-040-123-101	A-904	OHHR	2500	3628.2	0.0	2500.0	6128.2	

COMPONENT DESCRIPTION	PART NUMBER	SERIAL NUMBER	OVERHAUL RETIREMENT	SERVICE LIFE	A/F HOURS @ INSTALL	COMPONENT HOURS @ INSTALL	TIME REMAINING	REMOVE @ A/C HOURS / DATE	50%OR LESS REMAIN *****
SWASHPLATE ASSY	204-011-400-017	GD-10351	COND					COND	
SUPPORT ASSY	204-011-404-125	RE 7255	OHHR	1000	3628.2	0.0	1000.0	4628.2	
SWASHPLATE OUTER RING	204-011-403-001	GD8156-3	RTHR	9000	3007.0	1399.5	6979.3	10607.5	
GIMBAL RING ASSY	204-010-404-001	GD8198-15	RTHR	9000	3007.0	1399.5	6979.3	10607.5	
SLEEVE & SCISSOR	204-011-401-021	3942	COND					COND	
TUBE ASSY	212-010-404-005		RTTR	9000	0.0		5371.8	9000.0	
TUBE ASSY	" "		RTTR	9000	0.0		5371.8	9000.0	
STABILIZER BAR ASSY	212-010-300-001	A19-00051	OHHR	1000	3621.2	0.0	993.0	4621.2	
STABILIZER BAR CENTER FRAME	204-011-307-001	TR31-01659	RTHR	10000	3621.2	1763.2	8229.8	11858.0	
STABILIZER BAR CENTER FRAME	" "	TR31-01827	RTHR	10000	3621.2	1763.2	8229.8	11858.0	
MIXING LEVER (STABILIZER BAR)	212-010-302-105	EMD 784	RTHR	9000	3621.2	5202.0	3791.0	7419.2	***
MIXING LEVER (STABILIZER BAR)	212-010-302-105	EMD 489	RTHR	9000	3621.2	446.4	8546.6	12174.8	
PITCH LINK ASSY	204-011-127-001	A 729	RTHR	9000	3621.2	808.0	8185.0	11813.2	
PITCH LINK ASSY	204-011-127-001	NSN	RTHR	9000	3621.2	808.0	8185.0	11813.2	
STARTER GENERATOR			RTHR	COND			COND	COND	
			OHHR	1000	3628.2	0.0	1000.0	4628.2	
STARTER GENERATOR				COND			COND	0.0	
			OHHR	1000	3628.2	0.0	1000.0	4628.2	
INTERMEDIAT GEARBOX 42*	212-040-003-007	AHP-50175	OHHR	3000	3628.2	0.0	3000.0	6628.2	
TAILROTOR GEARBOX	212-040-004-005	AHT-05488	OHHR	3000	3628.2	0.0	3000.0	6628.2	
HYDRAULIC SERVOACTUATOR	212-076-004-003	1124	COND				COND	COND	
CYLINDER ASSY- FLIGHT CONTROL	212-076-005-007	2031 AE	OHHR	2500	3348.7	0.0	2220.5	5848.7	
CYLINDER ASSEMBLY-FLOTATION	212-073-920-107	Oct-01	INYN	Jan-00	Jan-21			Jan-31	***
ENGINE	PT6-T3 CP-PS 60600								
COMPONENT DESCRIPTION	PART NUMBER	SERIAL NUMBER	OVERHAUL RETIREMENT	SERVICE LIFE	ENG HOURS @ INSTALL	COMPONENT HOURS @ INSTALL	TIME REMAINING	REMOVE @ A/C HOURS / DATE	50%OR LESS REMAIN *****
HUB	3018111	A0014	RTHR	15000	1778.4	1388.0	13088.6	15412.4	
POWER TURBINE DISK	3022312	A1115	RTHR	15000	1778.4	1779.0	12675.6	14999.4	
IMPELLER	3016761	A5287	RTCY	29000	5002	6625	20450	27377	
2nd STAGE DISK	3018312	8842	RTCY	23000	5002	6670	14405	21332	
3rd STAGE DISK	3017713	8308	RTCY	28700	5002	6670	20105	27032	
COMPRESSOR TURBINE DISK	3013411	A3790	RTCY	11100	5002	6568	2607	9534	***
AUTO FUEL CONTROL UNIT	3244721-8	A-19126	RTHR	6000	1598.9	0.0	5275.1	7598.9	
MANUAL FUEL CONTROL UNIT	2524998-13	A-38777	RTHR	4500	1777.7	0.0	3953.9	6277.7	
ENGINE DRIVEN FUEL PUMP	025277-30002	PE3466	RTHR	4500	412.2	0.0	2588.4	4912.2	
OIL TO FUEL HEATER	10544D	1735	RTHR	4500	1494.3	0.0	3670.5	5994.3	
FLOW DIVIDER	3019906	UNK	RTHR	4500	0.0	0.0	2176.2	4500	***
NF GOVERNOR	UNK	A4233	RTHR	4500	688.2	0.0	2864.4	5188.2	
TCU / UTL	UNK	UNK	RTHR	4500	0.0	0.0	2176.2	4500	***
ENGINE	PT6-T3 CP-PS 61992								
HUB	3018111	6M448	RTHR	15000	0.0	0.0	13299.0	15000	
POWER TURBINE DISK	3022312	UNK	RTHR	15000	0.0	0.0	13299.0	15000	
IMPELLER	3027798	9B548	RTCY	29000	0.0	0.0	23186	29000	
2nd STAGE DISK	3018312	7M450	RTCY	23000	0.0	0.0	17186	23000	
3rd STAGE DISK	3017713	8M834	RTCY	28700	0.0	0.0	22886	28700	
COMPRESSOR TURBINE DISK	3013411	2D245	RTCY	11100	0.0	0.0	5286	11100	***
AUTO FUEL CONTROL UNIT	UNK	UNK	RTHR	6000	0.0	0.0	4299.0	6000	
MANUAL FUEL CONTROL UNIT	UNK	UNK	RTHR	4500	0.0	0.0	2799.0	4500	
ENGINE DRIVEN FUEL PUMP	UNK	UNK	RTHR	4500	0.0	0.0	2799.0	4500	
OIL TO FUEL HEATER	UNK	UNK	RTHR	4500	0.0	0.0	2799.0	4500	
FLOW DIVIDER	UNK	UNK	RTHR	4500	0.0	0.0	2799.0	4500	
NF GOVERNOR	UNK	UNK	RTHR	4500	0.0	0.0	2799.0	4500	
TCU / UTL	UNK	UNK	RTHR	4500	0.0	0.0	2799.0	4500.0	
COMBINING GEARBOX	PT6-T3	CP-GB-1471	OHHR	3500	3248.5	1360.5	2139.3	5787.4	

SERVICED WITH BRAND TYPE OIL			
ENGINE	DOD-L-85734	TURBO OIL	2380
TRANSMISSION	DOD-L-85734	TURBO OIL	2380
T/R GEAR BOX	DOD-L-85734	TURBO OIL	2380
DRIVESHAFT BEARING		MOBIL	28
M/R HUB/SWASHPLATE		MOBIL	28

~~~~~ HAVE A GREAT FLIGHT ~~~~~

**1976 BELL 212 SN 30671**

**ACCESSORIES/AVIONICS**

Dual Garmin GTN 650 GPS/NAV/COMM/MFD  
Garmin GTX 32 XPDR Transponder  
Sperry Radar Altimeter  
Garmin GMA 350 Audio Panel  
Artex 406-N HM ELT  
Honeywell RA-235 Radio Altimeter Ind  
Astronautics HSP HSI  
Dual MD41 GPS Annunciator Control Unit  
Attitude Director Indicator  
Dual Radar Magnetic Indicator  
Davtron clock M803  
Dual Sperry Tarsyn-333 Gyro  
Rotor Brake

**ENGINES**

Pratt & Whitney PT6T-3 TWIN-PAC. 4000 TBO  
Total Time: 2694/1701 Hrs  
Total Cycles: 5814/4957  
Last OH Done at: 2047/0 Hrs  
TSOH: 647/1701 Hrs  
Next OH Due at: 6047/4000  
Hrs Until Next OH: 3353/2299 Hr.

**OR PT6T-3B TWIN PAC AT AN EXTRA COST WITH FRESH 8130-3 & TEST CELL**

For the purpose of TO, Landing and IGE maneuvering, 30°C @ 4000 ft HP, (~ 6,700 ft Hd) fig 1-1 shows;

- Using Fig 4-4 (bellow) Max Cont. Power Hover IGE

- IGE MGW on conditions above is 10,650 ft HP
- **Zero fuel/Crew EW max cargo hook load on this conditions 4,315 Lb.**



**10,650 lb. MGW**

Figure 1 is a Maximum Gross Weight Limit Chart. The chart plots Gross Weight (in LB X 1000 and KG X 100) against OAT (in °C) and H<sub>0</sub> (in FT). The chart includes a grid and several diagonal lines representing pressure altitude (0 to 14,000 FT) and temperature (14,000 to 0 °C). A red line traces a path from 30 °C OAT, up to 6000 FT, right to 11,000 FT, and down to 50,000 KG gross weight.

**10,700 lb. MGW**

**Figure 1-1. Weight-altitude-temperature limitations for takeoff, landing and in ground effect maneuvers chart**

Using Fig 4-5 Max Cont. Power

- Hover OGE MGW/MCO on conditions above is 9,480 ft HP
- Current EW 6,335 Lb.
- Max (Structural). Ext Cargo Load 5,000 LB as per FMS-3
- **Zero fuel/Crew EW max cargo hook load on this conditions 3,145 Lb.**

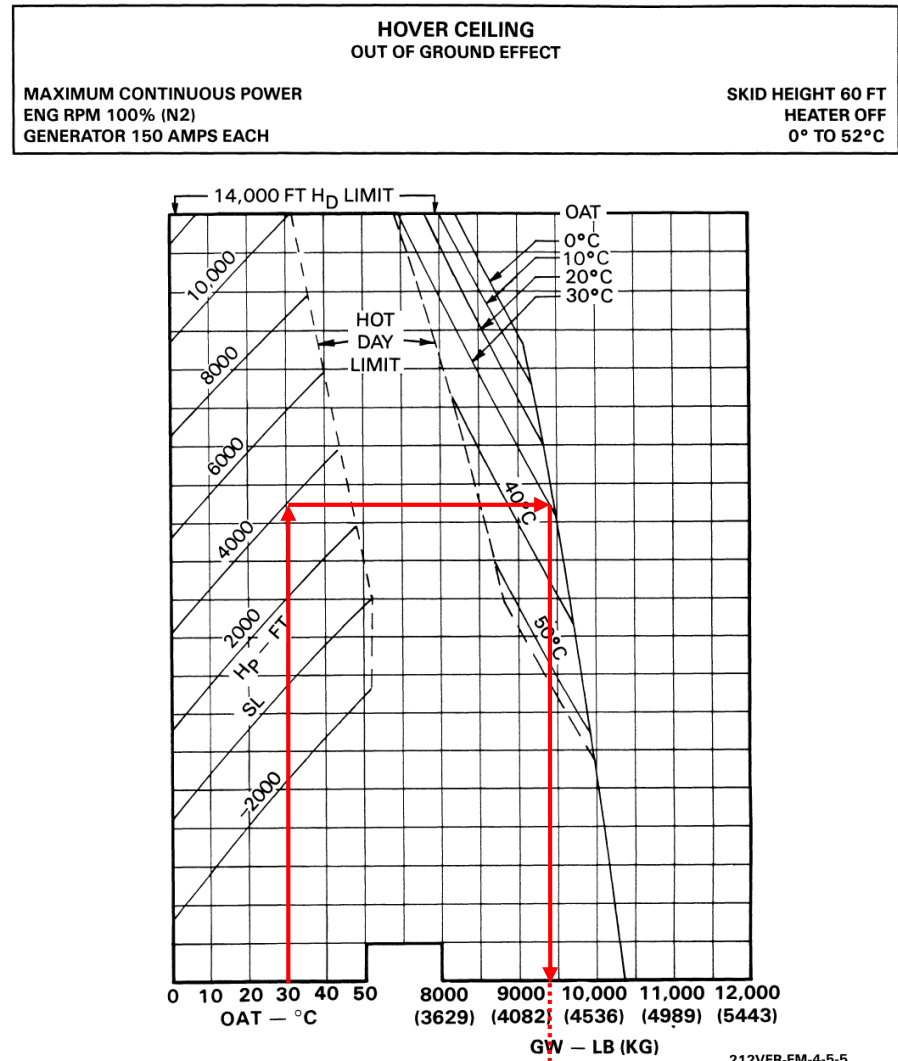


Figure 4-5. Hover ceiling out of ground effect (Sheet 5 of 8)

**9,480 lb. MGW**