

# Aircraft Configuration (Expanded)

## Airlift Engineering (North Shore) Limited

Description	Life Type	Interval	Counter	Due	Due AF	To Run
<b>ZK-ICN AF Date: 01-02-2024 AF Hours: 2821.40</b>						
Air Speed Indicator Part #-HG75-0719 Serial # -128191	On Condition					
Altimeter Part #-HG75-1107 Serial # -495016	On Condition					
Ancillaries Board Part #-G71-03-112 Serial # -51	On Condition					
Artificial Horizon (Digital) Part #-HG75-2047 Serial # -912G400	On Condition					
Clutch Cylinder Part #-G51-01-001 Serial # -848	On Condition					
CO Sensor Part #-HG77-2088 Serial # -HG77-1925	On Condition					
Collective Stick Assy (pilot) Part #-G41-60-104 Serial # -846	On Condition					
Compass Part #-HG75-0989 Serial # -78537	On Condition					
Cooling Fan Assy Part #-G52-04-100 Serial # -	Life Limit	4400	Hours	6028.8	6028.8	3,207.4
Cooling Fan Front Flange Part #-G52-02-201 Serial # -	Life Limit	4400	Hours	6028.8	6028.8	3,207.4
Directional Gyroscope Part #-3300-10 Serial # -J12-10749	On Condition					
Electronic Pilot Monitor Part #-G72-15-202 Serial # -1051	On Condition					
Electronic Pilot Monitor Part #-G72-15-203 Serial # -1054	On Condition					
ELT (Kannard) Part #-S1840501-01 Serial # -LX1100037214	On Condition					
Engine Part #-O-360-J2A Serial # -L-42130-36E	OH Limit	2200	Hours	4374.7	4374.7	1,553.3
	OH Limit	144	Months	20-09-2031	20-09-2031	2,788
Alternator Part #-LW-14313 (ALY-8520LS) Serial # -H-T021886	OH Limit	144	Months	20-09-2031	20-09-2031	2,788
	OH Limit	2200	Hours	2200	4374.7	1,553.3
Carburettor Part #-HG60-1025 (AV10-6110-1) Serial # -AVL163793	OH Limit	120	Months	20-09-2029	20-09-2029	2,058
	OH Limit	2200	Hours	2200	4374.7	1,553.3
Fuel Pump Part #-LW-15472 Serial # -1919L0004	OH Limit	144	Months	20-09-2031	20-09-2031	2,788
	OH Limit	2200	Hours	2200	4374.7	1,553.3
Magneto (TCM) Part #-66B21779 (10-600644-201) Serial # -E14KA015	OH Limit	2200	Hours	2200	4374.7	1,553.3
	OH Limit	12	Years	20-09-2031	20-09-2031	2,788
DCA/ELECT/51E DCA/ELECT/51E Continental and Bendix Magnetos and Components - 500Hr/4Yr Inspection	Recurring	500	Hours	993	3167.7	346.3
	Recurring	48	Months	19-12-2026	19-12-2026	1,052

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<b>ZK-ICN AF Date: 01-02-2024 AF Hours: 2821.40</b>						
Oil Cooler Part #-HG63-0752 Serial # -10442209	OH Limit	2200	Hours	2200	4374.7	1,553.3
	OH Limit	12	Years	20-09-2031	20-09-2031	2,788
Starter Part #-BC315-100-2 (149NL) Serial # -H-T042168	OH Limit	144	Months	20-09-2031	20-09-2031	2,788
	OH Limit	2200	Hours	2200	4374.7	1,553.3
2005-0023R3 EASA 2005-0023 R3 300Hr Exhaust valve and guide - Inspection	Recurring	300	Hours	892.3	3067	245.6
100HR ENG INSP 100Hr Engine Inspection	Recurring	100	Hours	691.3	2866	44.6
50HR ENG INSP 50Hr Engine Inspection	Recurring	50	Hours	691.3	2866	44.6
Engine Mount Bar Part #-G64-01-800 Serial # -896	On Condition					
Engine Mount Bar Part #-G64-01-800 Serial # -895	On Condition					
Engine Mount Fittings Inspection Part #-G64-00-801 Serial # -846	OH Limit	180	Months	15-04-2028	15-04-2028	1,535
Engine Pulley Part #-G51-20-206 Serial # -846	On Condition					
Engine Pulley Ball Bearing Part #-HG61-1944 Serial # -	Life Limit	2200	Hours	4374.7	4374.7	1,553.3
Flow Sensor Part #-G71-30-100 Serial # -188421	On Condition					
Flymap Part #- Serial # -11257	On Condition					
Flymap Antenna Part #- Serial # -31865	On Condition					
Fuel & Rotor Alarm Device (BARC) Part #-G72-30-201 Serial # -1048	On Condition					
Fuel Bladder Part #-G55-00-100 Serial # -47	Life Limit	180	Months	15-04-2028	15-04-2028	1,535
Fuel Manifold Part #-G55-01-102 Serial # -850	On Condition					
Fuselage Part #-G61-23-102 Serial # -1047	On Condition					
Gearbox Pulley Part #-G21-21-204 Serial # -843	On Condition					
Governor Part #-G72-31-203 Serial # -1062	On Condition					
Horizontal Stabilizer Part #-G65-05-102 Serial # -847	On Condition					
Intercom Part #-NATAA83-100 Serial # -6370	On Condition					
Lead Lag Damper Part #-G14-01-101 Serial # -LK0305	On Condition					

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<b>ZK-ICN AF Date: 01-02-2024 AF Hours: 2821.40</b>						
Lead Lag Damper Part #-G14-01-101 Serial # -LK0324	On Condition					
Lead Lag Damper Part #-G14-01-101 Serial # -LK0242	On Condition					
Main Rotor Blade Part #-G-11-00-001 Serial # -935	On Condition					
Main Rotor Blade Part #-G-11-00-001 Serial # -936	On Condition					
Main Rotor Blade Part #-G-11-00-001 Serial # -937	On Condition					
Main Rotor Gearbox Part #-G21-10-002 Serial # -802	OH Limit	2200	Hours	4163.5	4163.5	1,342.1
Main Rotor Hub Part #-G12-00-102 Serial # -844	On Condition					
Plasma CDI Part #-HG78-2171 Serial # -33636	On Condition					
Seat Belts - No longer a lifed item in MM after Issue 07 update Part #- Serial # -	On Condition					
Seat Harness (L/H) - No longer a lifed item in MM after Issue 07 update Part #-HG64-1429 Serial # -5111	On Condition					
Seat Harness (R/H) - No longer a lifed item in MM after Issue 07 update Part #-HG64-1428 Serial # -4211	On Condition					
Spark Plugs (Top) Part #-HG62-1113 Serial # -	Life Limit	200	Hours	2966	2966	144.6
Spherical Bearing Part #-G13-00-100 Serial # -LK0210	On Condition					
Spherical Bearing Part #-G13-00-100 Serial # -LK0200	On Condition					
Spherical Bearing Part #-G13-00-100 Serial # -LK0192	On Condition					
Strobe Flash Unit Part #-A490A Serial # -34161	On Condition					
Swashplate Part #-G41-00-000 Serial # -847	On Condition					
Swashplate Assembly Part #-G41-00-000 Serial # -	OH Limit	6600	Hours	6600	6600	3,778.6
Tail Rotor Flexible Control Part #-HG66-0742 Serial # -45	On Condition					
Tail Rotor Gearbox Part #-G32-10-002 Serial # -921	OH Limit	2200	Hours	4890.3	4890.3	2,068.9
25HR 25Hr TRGB Post Overhaul Flush and Oil change	Triggered	25	Hours			
Tailboom Part #-G65-00-101 Serial # -847	On Condition					
Throttle Cable - Operator request Part #- Serial # -	Life Limit	10	Years			

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<b>ZK-ICN AF Date: 01-02-2024 AF Hours: 2821.40</b>						
Throttle Flexible Control Part #-HG66-1893 Serial # -25	On Condition					
Throttle Sensor Part #-G71-74-103 Serial # -1047	On Condition					
Transmission Shaft Part #-G33-10-000 Serial # -847	On Condition					
Transponder Controller Part #-TC20 Serial # -2739	On Condition					
Trim Control Part #-G72-29-200 Serial # -1042	On Condition					
Variometer (VSI) Part #-HG75-0735 Serial # -327070	On Condition					
VHF Transmitter Part #-TRIGG TT21 Serial # -2964	On Condition					
VHF Transmitter Part #-GARMIN GNC255 Serial # -2A8018761	On Condition					
Voltage Regulator Part #-G71-42-201 Serial # -1043	On Condition					
VOR Indicator Part #-GI106 Serial # -G12-10503	On Condition					
84-26-02 FAA 84-26-02 100Hr/12Mth Paper Induction Air Filters Inspection	Recurring	365	Days	10-04-2024	10-04-2024	69
	Recurring	100	Hours	2866	2866	44.6
2021-0155 EASA 2021-0155 60Hr/6Mth Rotors Flight Control - MR Scissors Fittings - Inspection/Replacement (SB 20-011D)	Recurring	50	Hours	2866.1	2866.1	44.7
	Recurring	6	Months	09-02-2024	09-02-2024	8
84-26-02 FAA 84-26-02 500Hr Paper Induction Air Filters Replacement	Recurring	500	Hours	2866	2866	44.6
DCA/RAD/43 DCA/RAD/43 24Mth Mode S Address Code – Inspection	Recurring	24	Months	17-05-2024	17-05-2024	106
SB 14-026 Cabri SB 14-026 50Hr Transmission Belt Inspection	Recurring	50	Hours	2866	2866	44.6
SB 16-021E Cabri SB 16-021E 500Hr Carbon Fiber Cooling Fan Retrofit - Carbon Fan fitted 06/02/2017						
SB 18-004 Cabri SB 18-004 50Hr Lead Lag Damper Inspection - Superceded by MM Iss 07						
SB 21-006 C Cabri SB 21-006 C Flight Control Rods corrosion protection improvement	Non-Recurring		Hours	2967	2967	145.6
SB 21-007C Cabri SB 21-007C Scissors Fittings Upgrade (EASA AD 2021-0155)	Non-Recurring		Years	02-07-2026	02-07-2026	882
SB 23-006A Cabri SB 23-006A Flight controls Inspection	Recurring	50	Hours	2866.1	2866.1	44.7
LYC MSB 388C LYC MSB 388C 300Hr Exhaust Valve Guide Inspection	Recurring	300	Hours	3067	3067	245.6
LYC MSB 480F LYC MSB 480F 50Hr/4Mth Oil change and Filter Replacement/Inspection	Recurring	4	Months	09-04-2024	09-04-2024	68
	Recurring	50	Hours	2869.8	2869.8	48.4

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<b>ZK-ICN AF Date: 01-02-2024 AF Hours: 2821.40</b>						
100HR/12MTH ELT S1800000-25-00	100Hr/12Mth ELT Inspection (including Hook and Loop Style Fastener Inspection IAW Kannad SB	Recurring	12 Months	11-04-2024	11-04-2024	70
		Recurring	100 Hours	2866	2866	44.6
REWEIGH	10Yr Aircraft Reweigh	Recurring	120 Months	14-07-2031	14-07-2031	2,720
CO DETECTOR	12Mth CO Detector Replacement - Electronic fitted					
FIRE EXTINGUISHER	12Mth Fire Extinguisher Inspection	Recurring	12 Months	01-06-2024	01-06-2024	121
12MTH FIRST AID KIT	12Mth First Aid Kit inspection	Recurring	12 Months	01-06-2024	01-06-2024	121
2200HR INSP	2200Hr Inspection	Recurring	2200 Hours	4766.2	4766.2	1,944.8
24M ALTIMETER TEST/INSPECTION	24 Mth Altimeter Test and Inspection	Recurring	24 Months	17-05-2024	17-05-2024	106
24MTH ELT TEST/INSPECTION	24 Mth ELT Test and Inspection	Recurring	24 Months	17-05-2024	17-05-2024	106
24MTH RADIO TEST/INSPECTION	24 Mth Radio Test and Inspection	Recurring	24 Months	17-05-2024	17-05-2024	106
24MTH TRANSPONDER TEST/INSPECTION	24 Mth Transponder Test and Inspection	Recurring	24 Months	17-05-2024	17-05-2024	106
24MTH COMPASS SWING	24Mth Compass Swing	Recurring	24 Months	30-07-2025	30-07-2025	545
500HR HARNESS INSP	500Hr Harness Inspection	Recurring	500 Hours	3066.2	3066.2	244.8
6MTH SOFTWARE	6Mth Software Update	Recurring	6 Months	17-07-2024	17-07-2024	167
ARA	Annual Review of Airworthiness	Recurring	12 Months	13-07-2024	13-07-2024	163
ELT BATTERY	ELT Battery Replacement	Triggered	0 Months	31-01-2026	31-01-2026	730
TAIL STINGER DEFLECTION	Tail Stinder deflection Max 20mm cummulative - 4mm on 03/04/2023					
DAILY/PRE-FLIGHT	Daily/Pre-flight Inspections - Lead-Lag Dampers, Flexible Coupling, M/R Blade Bonding	Recurring	1 Days	02-02-2024	02-02-2024	1
50HR AF INSP	50Hr Airframe Inspection	Recurring	50 Hours	2866	2866	44.6
		Recurring	365 Days	08-08-2024	08-08-2024	189
100HR/12MTH AF INSP	100Hr/12Mth Airframe Inspection	Recurring	100 Hours	2866	2866	44.6
		Recurring	12 Months	11-04-2024	11-04-2024	70
500HR/60MTH AF INSP	500Hr/60Mth Airframe Inspection	Recurring	500 Hours	2967	2967	145.6
		Recurring	60 Months	19-07-2027	19-07-2027	1,264
T/R GEARBOX OIL CHANGE	500Hr/60Mth T/R Gearbox Oil Change	Recurring	60 Months	19-07-2027	19-07-2027	1,264
		Recurring	500 Hours	2967	2967	145.6

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<b>ZK-ICN AF Date: 01-02-2024 AF Hours: 2821.40</b>						
M/R GEARBOX OIL CHANGE 500Hr/60Mth M/R Gearbox Oil Change	Recurring	60	Months	19-07-2027	19-07-2027	1,264
	Recurring	500	Hours	2967	2967	145.6
EXHAUST MUFFLER REFERB 500Hr Exhaust Muffler Refurb (Recommended)	Recurring	500	Hours	2967	2967	145.6
ENGINE MOUNT FITTINGS 15Yr Engine Mount Fittings Inspection	Recurring	15	Years	15-04-2028	15-04-2028	1,535