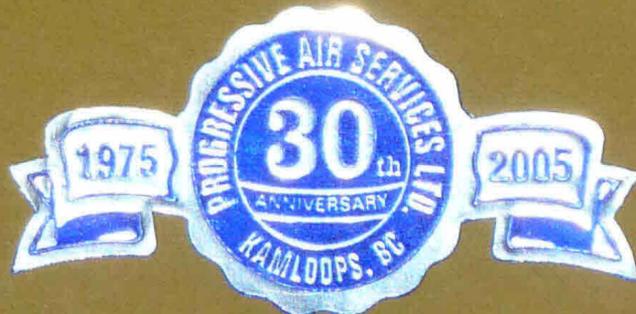


THE
adlogTM

AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**LEFT ENGINE
MAINTENANCE
RECORDS**





ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N26DS - RIGHT

Engine Manufacturer LYCOMING

Model IO-540-SIA5 MM

Serial No. L-15271-48A

Date installed on aircraft _____

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

- Right Left
 Front Rear

(All applicable information must be filled in)



AEROTECH PUBLICATIONS INC.

P.O. Box 1359 / Southold, NY 11971-0965

(516) 765-9375

1-800-235-6444

FAX: (516) 765-9359

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
APR 8/02		1543.0		<p>PRO AERO ENGINES INC. D.O.T. App. No.: 15-82 2965 Airport Road, Kamloops B.C. V2B 7W8 Canada</p> <p style="text-align: center;">LOGBOOK INSERT</p> <p>Engine Make <u>Lycoming</u> Engine Model <u>IO-540-S1A5 MM</u> HOBBS <u>3826.3</u> Engine Serial Number <u>L-15271-48A</u> Engine Hours <u>1543.0</u></p> <p>Removed both magnetos p/n 10-349290-1 s/n A205409 and 10-349310-1 s/n A159878. Installed p/n BL-349290-1 s/n F01GA019R and BL-349310-1 s/n F02CA233R Timed to engine ran ops ck'd good.</p> <p>Originally signed by A&P 408683053</p> <p style="text-align: right;">Date <u>Apr 8/02</u></p> <p>Transcribed from previous US log by J. Cosar</p>
AUG 1/02		1565.6		<p>PRO AERO ENGINES INC. D.O.T. App. No.: 15-82 2965 Airport Road, Kamloops B.C. V2B 7W8 Canada</p> <p style="text-align: center;">LOGBOOK INSERT</p> <p>Engine Make <u>Lycoming</u> Engine Model <u>IO-540-S1A5 MM</u> HOBBS <u>3848.9</u> Engine Serial Number <u>L-15271-48A</u> Engine Hours <u>1565.6</u></p> <p>Performed an annual inspection per FAR 43 appendix D and Aerostar Inspection Guides for 601P with the following action taken. Compression check: #1 72/80 #2 48/80 #3 72/80 #4 66/80 #5 76/80 #6 69/80. R & R equilizer exhaust tube clamp p/n 654027, R & R crankshaft seal p/n LW18661, installed missing exhaust shield p/n 32006 - guard c/w A.D. 98-18-12. Torque check fuel pump I/A/W para @ 3 (ii) found to be within torque range, c/w A.D. 93-02-05 fuel inj. line clamps I/A/W para C & S.B. 342C diagram #18 - no defects found. R & R ignition harness p/n Slick M2157, engine washed down, run and leak ck'd ok'd. All A.D.'s and bi-weeklys checked thru this date.</p> <p>Originally signed by A&P 408683053</p> <p style="text-align: right;">Date <u>Aug 1/02</u></p> <p>Transcribed from previous US log by J. Cosar</p>
JAN 9/03		1591.3		<p>PRO AERO ENGINES INC. D.O.T. App. No.: 15-82 2965 Airport Road, Kamloops B.C. V2B 7W8 Canada</p> <p style="text-align: center;">LOGBOOK INSERT</p> <p>Engine Make <u>Lycoming</u> Engine Model <u>IO-540-S1A5 MM</u> HOBBS <u>3874.6</u> Engine Serial Number <u>L-15271-48A</u> Engine Hours <u>1591.3</u></p> <p>Drained oil, checked filter for contamination - found none, serviced with Aeroshell 15W50 12 qts and CH48110 filter. Engine ran, no leaks at this time. Exhaust clamp torque rechecked - found to be ok.</p> <p>Originally signed by A&P 408683053</p> <p style="text-align: right;">Date <u>Jan 9/03</u></p> <p>Transcribed from previous US log by J. Cosar</p>
				<p style="text-align: center;">TOTALS-Carry forward to next page</p>

SKYS END GROUND SUPPORT INC.

N26DS

LEFT ENGINE LOGBOOK ENTRY

Tack: 956.7

DA

Date: 10/14/06 Make: Lycoming Model: IO-540-S1A5MM S/N: L-15271-48A TT: 1641.3 TSO:50.00

Ground run to warm oil, Removed top & Bottom Cowling Drained engine oil with sample, R&R Engine oil filter R&R Turbo oil filter after disassembly inspection and cleaning. Cleaned air oil separator Serviced the engine with 10 Qt aero shell 15w50 & 1 each bottle camguard Cowled the engine. Ground run for proper operation & leaks R&R cowling for leak check (OK) XXXXXXXXXX

Kenneth M Ruggiano A&P156447547 IA

[Signature]

SKYS END GROUND SUPPORT INC.

N26DS

LEFT ENGINE LOGBOOK ENTRY

Tack: 967.1

Date: 12/9/06 Make: Lycoming Model: IO-540-S1A5MM S/N: L-15271-48A TT: 1696.7 TSO:60.4

Installed GAMInjectors Per STC. SE09445SC XXX

Kenneth M Ruggiano A&P156447547 IA

[Signature]

SKYS END GROUND SUPPORT INC.

N26DS

LEFT ENGINE LOGBOOK ENTRY

Hobbs: 968.1

Date: 3/22/2007 Make: Lycoming Model: IO-540-S1A5 MM S/N: L-15271-48A TT: 1413.6 TSO:61.4

Annual inspection Compression Cyl# 1:78 2:79 3:79 4:79 5:80 6:79, Checked mag timing, induction air filter, sparkplugs, exhaust for leaks, cracks, security. Checked turbochargers security & ducting. Checked waste gates for smoothness of operation. Complied with ADs 2002-26-01. Ref AD compliance for details. I certify that I have inspected this Engine I/A/W an annual inspection and determined to be in an airworthy condition this date. XXX

Kenneth M Ruggiano A&P156447547 IA

[Signature]

SKYS END GROUND SUPPORT INC.

N26DS

LEFT ENGINE LOGBOOK ENTRY

Hobbs: 972.1

Date: 7/14/2007 Make: Lycoming Model: IO-540-S1A5 MM S/N: L-15271-48A TT: 1417.6 TSO:65.4

Replaced broken LT waste gate pushrod ops checked OK. Replaced Lt & Rt mag with overhauled exchange units PN:10-349290-1 Lt mag SN:K259602FR, 10-349310-1 rt mag mag SN: 235272 Set timing. XXX

Kenneth M Ruggiano A&P156447547 IA

[Signature]

SKYS END GROUND SUPPORT INC.

N26DS

LEFT ENGINE LOGBOOK ENTRY

Hobbs: 990.2

Date: 11/19/07 Make: Lycoming Model: IO-540-S1A5MM S/N: L-15271-48A TT: 1435.7 TSO:83.5

R&R Left Fuel Servo for over hall By Mikes fuel metering. R&R waist gate actuator R&R Rt. Intake air box both engines to remove waist gate actuators. Removed old waist gate cross shaft installed new waist gate actuator pivot bearings Installed new waist gate actuator cross shaft with pillow block Assy. Rigged waist gate system. Resealed waist gate actuator R&R Lt. Propeller governor for overhaul Rigged engine controls Set governor Ground run Set idle mixture. Removed left engine intre cooler right strut for repair

Installed new go around button Kenneth M Ruggiano A&P156447547 IA

[Signature]

SKYS END GROUND SUPPORT INC.

N26DS

LEFT ENGINE LOGBOOK ENTRY

Hobbs: 1004

Date: 7/2/2008 Make: Lycoming Model: IO-540-S1A5 MM S/N: L-15271-48A TT: 1449.5 TSO:97.3

Annual inspection Compression Cyl# 1:78 2:78 3:79 4:78 5:78 6:79, Checked mag timing, induction air filter, sparkplugs, exhaust for leaks, cracks, security. Checked turbochargers security & ducting. Checked waste gates for smoothness of operation. & lubed. Installed new Pneumatic pump with inspection plug SN: 1900. Complied with ADs 2002-26-01, 2008-14-07. Ref AD compliance for details. I certify that I have inspected this Engine I/A/W an annual inspection and determined to be in an airworthy condition this date. XXX

Kenneth M Ruggiano A&P156447547 IA

[Signature]

SKYS END GROUND SUPPORT INC.

N26DS

Date: 8/12/2011

LEFT ENGINE LOGBOOK ENTRY

Hobbs: 1159.7

Make: Lycoming Model: IO-540-S1A5 MM S/N: L-15271-48A TT: 1792.5 TSO: 201.2

Installed new RF filters on left engine magnetos. XXX

Kenneth M Ruggiano A&P156447547 IA

[Signature]

SKYS END GROUND SUPPORT INC.

N26DS

Date: 10/17/2011

LEFT ENGINE LOGBOOK ENTRY

Hobbs: 1159.7

Make: Lycoming Model: IO-540-S1A5 MM S/N: L-15271-48A TT: 1792.5 TSO: 201.2

Replaced #1 & #4 fuel injection nozzles with new from GAMI. XXX

Kenneth M Ruggiano A&P156447547 IA

[Signature]

SKYS END GROUND SUPPORT INC.

N26DS

Date: 1/15/2012

LEFT ENGINE LOGBOOK ENTRY

Hobbs: 1160.5

Make: Lycoming Model: IO-540-S1A5 MM S/N: L-15271-48A TT: 1793.3 TSO: 202

Checked all injector lines no leaks found. XXX

Kenneth M Ruggiano A&P156447547 IA

[Signature]

The Flight Shop, Inc. 435/723-3469 02/2/12 N26DS Hobbs 1166.4
LH Engine

1. Change oil Shell 15-50;
2. Change oil filter;
3. Clean screen;
4. Replace 1 COR-5 bearing;
5. Clean and lube wastegate and reset rigging;
6. Replace oil pressure spring;
7. Turbo fitting loose outboard turbo;
8. Repair turbo bracket;
9. Replace vacuum pump seal;
10. Replace vacuum hose;
11. Clean actuator filter;
12. Install adel clamp on main oil line to cooler.

I certify that this engine has been inspected in accordance with an annual inspection and found to be in airworthy condition.

AP1856924IA

[Signature]
William R. Bridges

SKYS END GROUND SUPPORT INC.

N26DS

Date: 10/1/2012

LEFT ENGINE LOGBOOK ENTRY

Hobbs: 1195.6

Make: Lycoming Model: IO-540-S1A5 MM S/N: L-15271-48A TT: 1828.4 TSO: 237.1

Rigged wast gates Lt Engine Installed new rubber ducts & clamps turbows to injector. XXX

Kenneth M Ruggiano A&P156447547 IA

[Signature]

SUB-TOTALS this page

TOTALS-Carry forward to next page

PRO AERO ENGINES
 2965 AIRPORT ROAD
 KAMLOOPS, B.C. V2B 7W8

09935 W. O. PAP 47520

Page: 1

QTY	PART NUMBER.	DESCRIPTION.
1	05K19987	BOLT & GASKET KIT
6	05K21118	CYLINDER ASSY W/D NEW
1	05K23463	IMPELLER KIT
12	100B NON DETERGENT	OIL BULK
1	11F24022-S3-S/EX	CRANKCASE ASSY
1	13S19648	GEAR CRANKSHAFT
2	15F19957-58	PUSHROD
24	15H21201	SPRING-SHROUD TUBE
2	18A19399-M06	BEARING-CRANKSHAFT
12	18N19391-M03	BEARING
1	51A22618	BODY ASSY
1	56G23399	BAFFLE
1	60422	SCREEN
12	66728	WASHER
6	67193	GASKET
2	67542	BEARING - MAG DRIVE
1	71668	GEAR ASSY - C/S IDLER
1	72702	TUBE ASSY
1	72703	TUBE ASSY
2	73027	TUBE ASSY
2	73644R	REBUILT COUNTER WT ASSY EXCH
2	73644RC	CORE CHARGE
6	73772	NOZZLE ASSY-PISTON COOLING
2	73966	SPACER
2	77906	SPACER
12	AEL12186	NUT, CON ROD
1	AEL19600	VERNATHERM VALVE
2	AEL73648	PIN, CTW
40	AN315-4R	NUT 1/4 NF
30	AN315-5R	NUT 5/16 NF
20	AN315-6R	NUT 3/8 NF
1	AN565B1032H5	SET SCREW
1	CH48111-1	FILTER
3	F2	INHIBITING OIL LITRE
6	LW-10545-5	PISTON
6	LW-13923	BUSHING - CON ROD
6	LW-14830-M06	BEARING
1	LW-15628	SEAL - C/S
1	LW-18638	LOCKPLATE
2	LW-25-2.00	BOLT
2	LW-25S1.50	BOLT
2	MS20074-04-06	BOLT
10	MS21919WDG12	CLAMP
12	MS21919WDG2	CLAMP
6	MS27215-2	DEHYDRATOR PLUG

PRO AERO ENGINES
 2965 AIRPORT ROAD
 KAMLOOPS, B.C. V2B 7W8

09935

W.O. PAP

47520

Page:

2

QTY	PART NUMBER.	DESCRIPTION.
122	MS35333-40	WASHER AN936A416
60	MS35333-41	WASHER AN936A516
20	MS35333-42	WASHER AN936A616
1	MS9144-01	GASKET
122	NAS1149F0463P	WASHER FLAT 1/4
60	NAS1149F0563P	WASHER FLAT
20	NAS1149F0663P	WASHER FLAT 3/8
12	QS100-M6S	CLAMP
4	SA638172	BUSHING - MAG DRIVE
15	SL-STD-1925	SCREW
6	SL-STD-2180	HOSE
1	SL-STD-2209	SCREW
1	SL1028-B	BALL
1	SL12956	GASKET SET
8	SL14820	RING - RETAINING CWT
1	SL19340KIT1	CAMSHAFT KIT
12	SL383-B	NUT
1	SL61084	SPRING
1	SL61084	SPRING
1	SL62417	PLUG
1	SL71667	LOCK PLATE
8	SL71907A	WASHER COUNTERWEIGHT
16	SL72075	SEAL
8	SL72091	SEAL
12	SL72626A	SHAFT
12	SL74389	BUSHING
12	SL75060	CON ROD BOLT
2	SL76788	ROLLER
2	SLMS49005-2	PLUG
2	STD-1227	WASHER
1	STD-1737	RET RING - FUEL PUMP IDLER
2	STD-1882	SCREW
4	STD-1901	SCREW
1	STD-2168	NUT IDLER GEAR SHAFT
1	STD-2231	RING-INTERNAL RETAINING
6	STD-2249	NUT
1	STD-551	PLUG

0540 BL ana SE Eng Eng ndi Co 80 & c/ tor ag as at ac R gi gii I r a

Weather CLEAR
 Air Temp. +34.5°C
 Barometric Pressure 28.6" Hg
 Humidity 21%
 Wind 3 → 4 KNOTS

PRO AERO ENGINES INC.
 2965 Airport Road, Kamloops, B.C.
 V2B 7W8
 ENGINE TEST LOG

Date: MONDAY AUGUST 15, 2005
 Tester: L.W.
 Date Accepted: August 15, 2005
 Signature: [Signature]
 W/O #: E 44228

ENGINE DATA: Manufacturer LYCOMING Model IO-540-SIA5 MM Serial # L-15271-48A Owner _____

TIME RUN	RPM	UPPER DECK PRESS.	MAN. PRESS.	OIL PRESS. FRONT	OIL PRESS. REAR	OIL °C TEMP	METERED FUEL PRESS.	UNMETERED FUEL PRESS.	TOTAL FUEL FLOW	CHT						EGT										
										#	#	#	#	#	#	#	#	#	#	#	#	#	#	#		
5	1200	/	15.95	72.1	87.0	40	<3.0	24.0	5.8	189	171	192	203	208	214	/	820	870	1000	/	/	/	/	/	/	
5	1500	/	20.0	73.1	89.5	50	<3.0	24.93	9.0	247	216	249	278	267	281	/	890	940	970	/	/	/	/	/	/	
5	2000	/	25.4	74.3	93.1	70	5.0	25.0	20.1	290	253	303	346	317	341	/	980	1040	1050	/	/	/	/	/	/	
5	2300	/	28.0	64.5	82.1	95	6.0	24.95	21.6	365	319	386	460	401	438	/	1110	1170	1160	/	/	/	/	/	/	
20	2300	/	28.0	62.0	81.0	99	6.3	24.96	20.5	367	286	395	440	399	427	/	1110	1160	1160	/	/	/	/	/	/	
COOL DOWN, CHECK ENGINE, WASH, CHECK OIL LEVEL FOR OIL CONSUMPTION RUN																										
5	UP TO FULL	/	28.0	72.1	94.0	90	8.92	26.0	28.0	344	272	372	379	392	386	/	1070	1140	1140	/	/	/	/	/	/	/
10	2600	/	28.0	66.2	83.0	99	8.92	26.0	27.0	367	284	395	406	414	406	/	1070	1150	1150	/	/	/	/	/	/	/
20	2600	/	28.0	63.4	81.7	101	9.0	25.9	26.8	371	287	396	411	416	411	/	1070	1150	1140	/	/	/	/	/	/	/
ACCEPT																										
5	650	/	11.4	48.7	51.0	80	13.4	<3.0	1.4	295	242	315	345	326	335	/	600	660	570	/	/	/	/	/	/	/
10	2606	/	28.0	66.6	84.8	80	9.1	26.0	28.4	315	250	340	340	365	344	/	1040	1130	1120	/	/	/	/	/	/	/

PERFORMANCE DATA
 Total Oil Con. MINIMAL lbs.
 Idle RPM 51 PSI @ 650 RPM @ 80°C
 Idle Oil Pres. 51 PSI @ 80°C @ 2400 RPM
 Fuel Octane 100 LL
 Oil Grade AEROSHELL 100
 RPM Drop L. Mag. 50* R. Mag. 40*
 Acceleration check GOOD
 GOV. PRESS. CHECK 28 /40 P.S.I.

CYLINDER LEAKAGE CHECK
 #1 79 #3 78 #5 78
 #2 78 #4 78 #6 78

* SLAVE SPARK PLUGS USED FOR TEST RUN
 - TIMING 20°
 - #1, #4 AND #6 EGT PROBES NOT HOOKED UP FOR TEST RUN
 - SLAVE MAGNETOS, HARNESS, STARTER, FUEL SYSTEM USED FOR TEST RUN

WEIGHT AND BALANCE OR OPERATING LIMITATION CHANGES SHALL BE ENTERED IN THE APPROPRIATE AIRCRAFT RECORDS. A MODIFICATION MUST BE COMPATIBLE TO ALL PREVIOUSLY INCORPORATED MODIFICATIONS TO ASSURE CONTINUED CONFORMITY WITH THE APPLICABLE AIRCRAFT TYPE CERTIFICATION DATA SHEET.
 LES CHANGEMENTS DE MASSE ET CENTRAGE OU DE LIMITES D'UTILISATION DOIVENT ÊTRE TRANSCRITS DANS LES DOSSIERS APPROPRIÉS DE L'AÉRONEF. UNE MODIFICATION DOIT ÊTRE COMPATIBLE AVEC LES MODIFICATIONS PRÉCÉDEMMENT INCORPORÉES POUR ASSURER LA CONFORMITÉ AVEC LES CARACTÉRISTIQUES NAVIGABILITÉ APPLICABLES.

8. DESCRIPTION OF WORK ACCOMPLISHED

(IF MORE SPACE IS REQUIRED ATTACH ADDITIONAL SHEETS - IDENTIFY WITH AIRCRAFT NATIONALITY AND REGISTRATION MARKS AND DATE WORK COMPLETED.)

DESCRIPTION DES TRAVAUX EXÉCUTÉS

(AU BESOIN, UTILISER DES FEUILLES SUPPLÉMENTAIRES - INDIQUER SUR CHAQUE FEUILLE, LES MARQUES DE NATIONALITÉ ET D'IMMATRICULATION DE L'AÉRONEF ET LA DATE À LAQUELLE LES TRAVAUX ONT ÉTÉ COMPLÉTÉS.)

THE CRANKCASE ASSEMBLY WAS OVERHAULED AND TESTED AS PER THE MANUFACTURER'S OVERHAUL MANUAL. NEW CYLINDERS P/N 05K21118 S/N E44228-1-2-3-4-5-6 INSTALLED. ALL APPLICABLE SERVICE BULLETINS AND AIRWORTHINESS DIRECTIVES TO DATE HAVE BEEN EMBODIED. DETAILS ON FILE UNDER WORK ORDER # E44228.

ALL ACCESSORIES TIME CONTINUED.

NUMBER OF AD, SB ETC.	DESCRIPTION OF AD, SB, MSB ETC.	FOUND		
		EMBODIED	EMBODIED	N/A
A.D. 66-20-04	(S.B. 307) OIL FILTER ADAPTER GASKET.			X
A.D. 73-23-01R4	(S.B. 367F) PISTON PINS.			X
A.D. 75-08-09R3	(S.B. 381B, 385C) OIL PUMP DRIVE SHAFT/IMPELLER.	X		
A.D. 87-10-06R1	(S.B. 477A) ROCKER ARM ASSEMBLIES.			X
A.D. 92-12-05	(S.B. 501 Rev. B) PISTON PINS.			X
A.D. 95-07-01	(SUPERIOR AIR # 95-002) CONNECTING ROD BOLTS.			X
A.D. 96-09-10	(S.B. 454B, 455D, 524, 456) ENGINE OIL PUMP IMPELLERS.	X		
A.D. 97-15-11	(M.S.B. 527C) PISTON PINS.			X
A.D. 98-17-11	NELSON BALANCING SERVICE CRANKSHAFT.			X
A.D. 2002-12-07	(M.S.B. 543B) CONVERTER PLATE.			X
A.D. 2002-19-03	(M.S.B. 552) CRANKSHAFT REPLACEMENT.			X
A.D. 2004-05-24	(M.S.B. 554 SUP. 5) CRANKSHAFT GEAR RETAINING BOLT REPLACE.	X		
A.D. 2004-10-14	(A.D. 2004-05-24, M.S.B. 475C, S.L. 163C) CRANKSHAFT GEAR RETAINING BOLT.	X		
M.S.B. 240S	PARTS REPLACEMENT AT OVERHAUL.	X		
M.S.B. 518C	INSPECTION OF THERMOSTATIC BYPASS VALVES.			X
M.S.B. 553	CRANKSHAFT INSPECTION OF LYCOMING SIX CYLINDER TURBOCHARGED ENGINES.			X
M.S.B. 555A	(S.B. 555 SUP. 2) OIL PUMP BODY PLUG INSPECTION.	X		
M.S.B. 566	CRANKSHAFT REPLACEMENT IN LYCOMING ENGINES.			X
S.I. 1123D	DOWELS AND O-RINGS ON THRU STUDS.	X		
S.I. 1225D	CRANKCASE BEARING DOWELS.	X		
S.I. 1267C	PISTON PIN PLUG USAGE.	X		
S.I. 1290E	O RING INSTALLATION AT THRU STUDS.	X		
S.I. 1485A	EXHAUST VALVE AND GUIDE IDENTIFICATION PROCEDURE	X		
S.I. 1487	OIL DRAINBACK TUBE CLEARANCE.	X		
S.I. 1512	MAIN AND CONNECTING ROD BEARING UPGRADE.	X		

WEIGHT AND BALANCE
MASSE ET CENTRAGE

INDEPENDENT CONTROL CHECK
VÉRIFICATION INDÉPENDANTE DES COMMANDES

TECHNICAL RECORD ENTRIES
INSCRIPTIONS AU DOSSIER TECHNIQUE

ELECTRICAL LOAD ANALYSIS
CALCUL DES CHARGES ÉLECTRIQUES

TEST FLIGHT
ESSAI EN VOL

ADDITIONAL SHEETS ARE ATTACHED
FEUILLES SUPPLÉMENTAIRES JOINTES

ProAero ENGINEERING INC.

2965 Airport Road, Kamloops, BC, Canada V2B 7W8
Phone 250-376-1223 • Fax 250-376-1995 • E-mail sales@proaeroengines.com

CONFORMITY CERTIFICATE CERTIFICAT DE CONFORMITE REPAIR OR MODIFICATION RÉPARATION OU MODIFICATION

INSTRUCTIONS

FOR INSTRUCTION, SEE AIRWORTHINESS MANUAL CHAPTER 571 APPENDIX L - POUR LES INSTRUCTIONS CONSULTER LE MANUEL DE NAVIGABILITÉ CHAPITRE 571 APPENDICE L
PRINT OR TYPE - DACTYLOGRAPHIER OU ÉCRIRE EN LETTRES MOULÉES

1. AIRCRAFT AÉRONEF	MAKE - CONSTRUCTION	MODEL - MODÈLE
	SERIAL NO. - N° DE SÉRIE	REGISTRATION MARKS - MARQUES D'IMMATRICULATION
2. OWNER PROPRIÉTAIRE	NAME - NOM	ADDRESS - ADRESSE
3. UNIT IDENTIFICATION IDENTITÉ DE L'UNITÉ	UNIT - UNITÉ ENGINE	MANUFACTURER - CONSTRUCTEUR LYCOMING
	MODEL - MODÈLE IO-540-S1A5 MM	SERIAL NO. - N° DE SÉRIE L-15271-48A
4. TYPE OF WORK - GENRE DE TRAVAIL		
<input type="checkbox"/> MODIFICATION <input checked="" type="checkbox"/> REPAIR RÉPARATION		
* USE A SEPARATE FORM FOR EACH UNIT BEING CERTIFIED - UTILISER UN FORMULAIRE SÉPARÉ POUR CHAQUE UNITÉ CERTIFIÉE		
5. CONFORMITY STATEMENT DÉCLARATION DE CONFORMITÉ	<p>I CERTIFY THAT THE WORK DETAILED ON THE REVERSE SIDE OF THIS SHEET HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH DATA EITHER APPROVED BY OR SPECIFIED BY THE MINISTER, AND SO INDICATED ON THE REVERSE SIDE.</p> <p style="text-align: center;"> _____ SIGNATURE (AUTHORIZED PERSON - PERSONNE AUTORISÉE)</p> <p>ADDRESS - ADRESSE 2965 AIRPORT ROAD KAMLOOPS, BC V2B 7W8</p>	
	SCA PAEI #8 AMO # 15-82	AUG 15/05
	AME LICENCE OR AMO APPROVAL NO N° DE LICENCE DU TEA OU D'AGRÈMENT DE L'OMA	DATE
	CATEGORY - CATÉGORIE LYCOMING AND CONTINENTAL OPPOSED ENGINES	
6. CERTIFICATION	<p>THE MAINTENANCE REQUIRED TO INSTALL THIS COMPONENT ON THE AIRCRAFT STATED ABOVE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE STANDARDS OF AIRWORTHINESS</p> <p>LA MAINTENANCE REQUISE POUR INSTALLER LE COMPOSANT SUR L'AÉRONEF MENTIONÉ CI-HAUT A ÉTÉ EXÉCUTÉE CONFORMÉMENT AUX NORMES DE NAVIGABILITÉ APPLICABLES</p>	
	SIGNATURE (AUTHORIZED PERSON - PERSONNE AUTORISÉE)	AME LICENCE OR AMO APPROVAL NO N° DE LICENCE DU TEA OU D'AGRÈMENT DE L'OMA
	ADDRESS - ADRESSE	DATE
	CATEGORY - CATÉGORIE	
7. FOR DEPARTMENT OF TRANSPORT OR APPROVED MAINTENANCE ORGANIZATION USE RÉSERVÉ AU MINISTÈRE DES TRANSPORTS OU AUX ORGANISMES DE MAINTENANCE AGRÉÉS	<p>CERTIFICATION OF AERONAUTICAL PRODUCTS BEING RETURNED TO FOREIGN CUSTOMERS</p> <p>CERTIFICATION DE PRODUITS AÉRONAUTIQUES RETOURNÉS AUX CLIENTS D'ORIGINE ÉTRANGÈRE</p>	
	AIRWORTHINESS OR AUTHORIZED INSPECTOR INSPECTEUR AUTORISÉ OU DE NAVIGABILITÉ	REGION DISTRICT OR ORGANIZATION RÉGION DISTRICT OU ORGANISATION
	STAMP / DATE - ESTAMPILLE / DATE	



Transport Canada

Transport Canada

AUTHORIZED RELEASE CERTIFICATE

TCOA 24-0078

E44228

Approved or authorized name and address
PRO AERO ENGINES INC.
2965 AIRPORT ROAD, KAMLOOPS, BC V2B 7W8

AMO # 15-82

E44228

6. Item	7. Description	8. Part No.	9. Quantity*	10. Qty	11. Serial/Part No.	12. Remarks
1	AIRCRAFT ENGINE	IO-540-SIA5 MM	VARIOUS	1	L-15271-48A	OVERHAULED
<p>13. Remarks</p> <p>FOR EXPORT TO:</p> <p>BOULDER VALLEY AVIATION INC. 757 QUINCE CIRCLE BOULDER, CO 80304 USA</p>						
<p>14. Certify that the items identified above were manufactured in conformity with:</p> <p><input type="checkbox"/> Approved design data and are in condition for safe operation.</p> <p><input type="checkbox"/> Non approved design data specified in block 13.</p>						
15. Authorized signature			16. Certificate/Approval ref. No.		19.	
17. Name			18. Date (dd/mm/yyyy)		20. Authorized signature	
1/2/09/2001			*Installer must cross-check eligibility with approved data		<p><input checked="" type="checkbox"/> CABEFTL-18 Maintenance release.</p> <p><input type="checkbox"/> Other regulations specified in block 13.</p> <p><small>Certify that, except where otherwise specified in block 13, the work identified in block 11 and described in block 12 was performed in accordance with CABEFTL.</small></p>	
User/Installer Responsibilities			21. Name		22. Date of issue	
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with International regulations of an airworthiness authority different than the airworthiness authority of the country specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in block 1. <p>Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>			JAMIE CHARLTON		AMO 15-82 SCA PART - 18 AUG 15/05	

Removal

3. Form tracking No.	E44228
5. Work order/contract/invoice No.	E44228
12. Status/work	OVERHAUL

21. Certificate/AMO/SCA P	AMO 15-82 SCA PAEI
23. Date (dd/mm/yy)	AUG 15/05

1. Approving national aviation authority/country
 Transport Canada

2. AUTHORIZED RELEASE CERTIFICATE
 TCCA 24-0078

3. Form Tracking No.

E44228

4. Approved organization name and address

Pro Aero Engines Inc., 2965 Airport Road, Kamloops, BC V2B 7W8 Canada

5. Work order/contract/invoice

E44228

6. Item	7. Description	8. Part No.	9. Eligibility*	10. Qty.	11. Serial/batch No.	12. Status/work
1	AIRCRAFT ENGINE	IO-540-S1A5 MM	VARIOUS	1	L-15271-48A	OVERHAULLED

13. Remarks THE CRANKCASE ASSEMBLY WAS OVERHAULLED AND TESTED AS PER THE MANUFACTURER'S OVERHAUL MANUAL. NEW CYLINDERS P/N 05K21118 S/N E44228-1-2-3-4-5-6 INSTALLED. ALL APPLICABLE SERVICE BULLETINS AND AIRWORTHINESS DIRECTIVES TO DATE HAVE BEEN EMBODIED. DETAILS ON FILE UNDER WORK ORDER # E44228.

ALL ACCESSORIES TIME CONTINUED.

14. Certifies that the items identified above were manufactured in conformity to:
 Approved design data and are in condition for safe operation.
 Non approved design data specified in block 13.

19. CAR 571. 10 Maintenance release.
 Other regulations specified in block 13
 Certifies that, except where otherwise specified in block 13, the work identified in block 13 and described in block 13 was performed in accordance with CAR 571.

15. Authorized signature	16. Certificate/Approval ref. No.	17. Name	18. Date (dd/mm/yyyy)	20. Authorized signature	21. Certificate/Approval ref. No.	22. Name	23. Date (dd/mm/yyyy)
		JAMIE CHARLTON			AMO 15-82 SCA PAEI #8	JAMIE CHARLTON	AUG 15/05

* Installer must cross-check eligibility with approved data

Authority/country
 Transport Canada

Part No.
 IO-540

FOR EXPORT TO:

Identified above were manufactured in conformity to:
 Approved design data and are in condition for safe operation.
 Non approved design data specified in block 13.

Installer must cross-check eligibility with approved data
 Understand that the existence of this document and that the installer performs work in accordance with International Regulations that his/her airworthiness authority accepts
 Blocks 14 and 19 do not constitute installation certification and are subject to regulations by the user/installer before the aircraft is operated.

1. Form tracking No.

Transport
Canada

Transport
Canada
AERO ENGINES INC.
AIRPORT ROAD, KAMLOOPS, BC V2B 7W8

AUTHORIZED RELEASE CERTIFICATE

TCCA 24-007B

E44228

5. Work order/contract/invoice

E44228

13. Status/work

OVERHAULED

11. Serial/batch No.

L-15271-48A

10. Qty.

1

9. Eligibility*

VARIOUS

8. Part No.

IO-540-S1A5 MM

AIRCRAFT ENGINE

FOR EXPORT TO:
BOULDER VALLEY AVIATION INC.
757 QUINCE CIRCLE
BOULDER, CO
80304 USA

19. CAR 571.10 Maintenance release.

Other regulations specified in block 13

Certificate that, except where otherwise specified in block 13, the work identified in block 12 and described in block 13 was performed in accordance with CAR 571.

14. Certificate/approval ref. No.

AMO 15-82
SCA PAEI - #8

18. Date (dd/mm/yyyy)

AUG 15/05

22. Name

JAMIE CHARLTON

20. Authorized signature

21. Certificate/Approval ref. No.

*Installer must cross-check eligibility with approved data

User/Installer Responsibilities

It is to be understood that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. The installer must ensure that the work is performed in accordance with International Regulations of an airworthiness authority different from the airworthiness authority of the country specified in Block 1, it is essential that the installer must ensure that the airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

In Blocks 14 and 18 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the applicable regulations by the installer before the aircraft may be flown.