

ENGINE MAINTENANCE RECORDS

Aircraft Registration

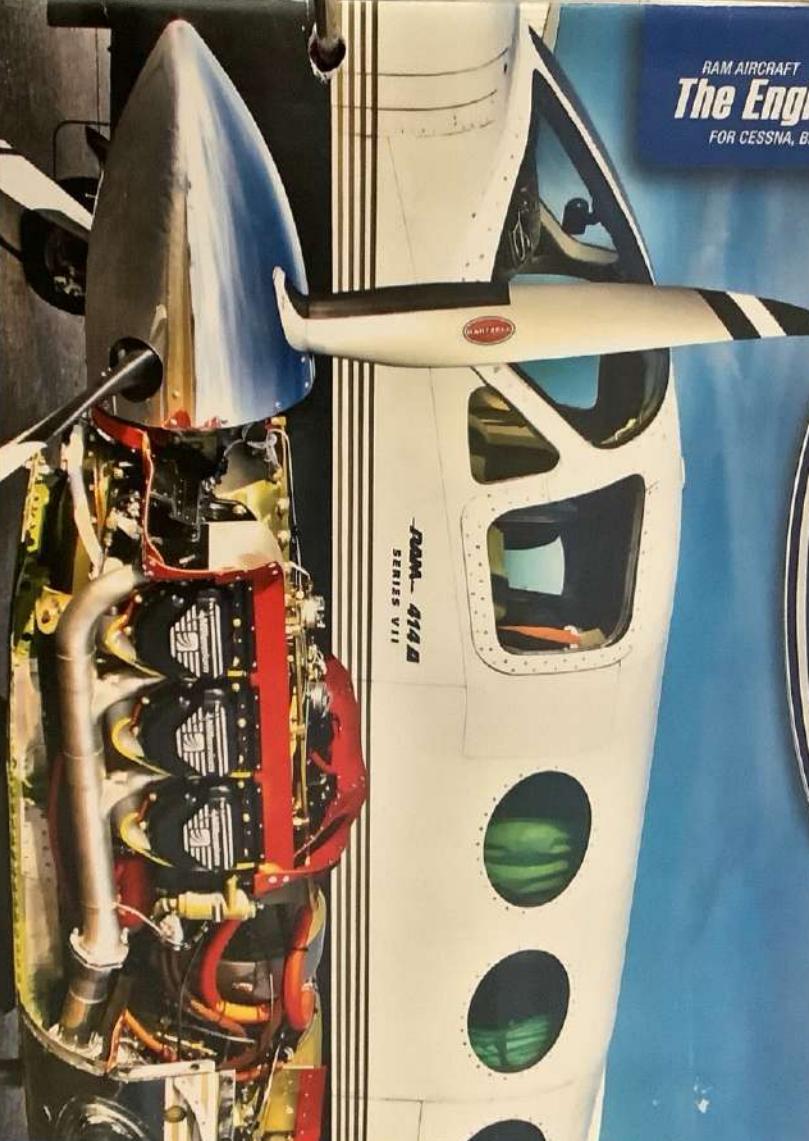
C-GMDM

Engine Position

Right

Engine Serial No.

5211682



RAM AIRCRAFT
The Engine Specialist
FOR CESSNA, BEECHCRAFT, & CIRRUS AIRCRAFT

RAM
RAM AIRCRAFT, LP
• SINCE 1976.



ENGINE MAINTENANCE RECORDS

Log No. 1

Aircraft Registration No. C-GMDM

Engine Manufacturer Continental

Model TSIO-520-NB

Serial No. 521682

Date installed on aircraft OCT 29/2021

Time Between Overhauls (TBO) 1600 Hours

If used on multi-engine aircraft:

Right

Left

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATION NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

Date	Total Time In Service	Total Time Since Overhaul	Recording Meter Time
7/28/2021	2541.5	0.0	



CONTINENTAL TSIO-520-NB Series VI Right Engine S/N 521682

Above referenced engine overhauled to new parts limits per FAR 43.2(a)(1)(2) to conform w/CMI SM X-30574 and CMI M-0 Standard Practice Maintenance Manual. Applicable AD's and Service Bulletins C/W at this time. All gears cleaned, polished when required, inspected, magnetic particle inspected, and no cracks found. Finish and dimensional limits within RAM Gear Inspection Specification No. 1818, Rev. P dated 07/19/2017. Above referenced engine modified to TSIO-520-NB 335 HP per STC SE4327SW-D Rev.4. **Note: For American XI20101 per STC SE4327SW-D. Installed new lifters p/n SA628488 (int), p/n SA646277 (exh). AD 10-11-04 n/a to lifter p/n installed. AD 97-26-17 c/w per installation of overhauled VAR crankshaft p/n 649898, s/n A069802N per TCM CSB96-8. C/W ultrasonic inspection per MSB96-10B, due at next overhaul or when crankshaft removed. AD 99-19-01 n/a per crankshaft date of manufacture I/A/W TCM MSB99-3C. AD 2000-23-21 N/A to crankshaft serial number/date of manufacture I/A/W TCM Mandatory Service Bulletin MSB00-5D. Engine assembled with new RAM crankcase p/n 2922-01, s/n 21F0296. Installed new Superior nickel cylinders. Installed overhauled oil cooler p/n 1E1775, s/n 0376. C/W AD 89-24-01 R1 per installation of starter adapter p/n 642085A4 with current scavenge pump gears. AD 2012-10-13 and MSB11-4B Starter Adapter inspection. N/A per p/n installed. Installed .030/.040 inch undersize starter adapter spring p/n S539800M30/M40 per STC SE09846SC. Installed new RAM/FAA/PMA fuel nozzles p/n 2562-14D. TCM Service Bulletin SB06-1A N/A per installation of RAM fuel nozzles. Installed modified connecting rods p/n 1162 per STC SE4327SW-D as FAA-PMA approved replacement. Engine accessories exchanged for overhauled or new units with exception of prop governor, alternator, vacuum pump, hydraulic pump and tach generator which were not installed per this work order. New Slick pressurized magnetos p/n 6320 installed per STC SE4651SW-D and pressurized. Slick Service Bulletins SB1-12 (Points assy.), SB1-19 (Impulse coupling stop pins) and SB2-19 (Impulse coupling rivets) N/A per S/N or the manufacture date. MSB94-8D on magneto timing procedure c/w per timing to STC degree requirements with TDC locator and protractor with pointer. Engine modified to TSIO-520-NB per Continental Service Bulletin M-75-6 Rev. 1. PN 652130 & 652131 rocker arms installed. Installed RAM FAA-PMA oil cooler baffle p/n 1253-1, rocker arm cover gaskets p/n 1387-1, spring loaded induction clamps p/n 1170-2 and double clamp p/n 1170-5. Category 1 thru 3 CMI Service Bulletin Compliance Listing in RAM Manual. Engine ground run on test stand per RAM specifications for 3 hours. Engine run-in with Aeroshell 100 Mineral oil. See RAM Recommended Oil Grade Maintenance Tip MT-1 for recommended oils. Engine approved for return to service for the work performed. Engine preserved per Continental M-0, Standard Practice Maintenance Manual temp. storage up to 90 days. Pertinent details on file under Project No. 9944.


RAM Aircraft, Limited Partnership, P.O. Box 5219, Waco Texas 76708 CRS VA1R551K

Oceanside

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATION NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

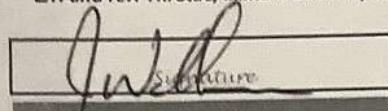
Registration: C-GMDM
A/C Time: 5,102.4Date: October 29, 2021
Work: Other

Oceanside Aviation Ltd.

The maintenance described below has been performed in accordance with the applicable standards of airworthiness

If box is checked, subject to a
satisfactory test flightName: D. Webber
License #: M410540Work Order #: DAL - 2021-046
AMO #:I have conducted an inspection for conformance to the type of the flight / powerplant controls that were affected by the work
accomplished

L/H and R/H Throttle, Mixture and Propeller control for installation and rigging


Signature

Cylinder →	Name	J. Webber	License #	M161926		
	#1	#2	#3	#4	#5	#6
DIFFERENTIAL PRESSURES	N/A / 80	N/A / 80	N/A / 80	N/A / 80	N/A / 80	N/A / 80

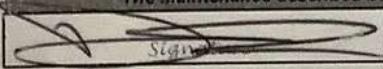
- RAM OVERHAULED R/H CONTINENTAL ENGINE MODEL TSIO520-NB S/N 521682 AS PER CESSNA 340A SERVICE MANUAL. USING NEW OIL LINE KIT SUPPLIED BY RAM AND NEW FUEL LINE KIT SUPPLIED BY RAM. ENGINE INCLUDED ALL ACCESSORIES EXCEPT ALTERNATOR THAT WAS REMOVED FROM ENGINE S/N 208010-9-J. NEW ENGINE LOR'D MOUNT VIBRATION MOUNTS P/N J-9613-58 SUPPLIED BY RAM INSTALLED. OVERHAULED EXHAUST SYSTEM PREVIOUSLY INSTALLED AT 5089.6 TTAF RE-INSTALLED.
- AIRCRAFT GROUND RUN AND LEAK CHECK CARRIED OUT AS PER POH. NO FAULTS FOUND.

--- END ---

Registration: C-GMDM
A/C Time: 5,106.0Date: February 18, 2022
Work: Annual / 100 H

Oceanside Aviation Ltd.

The maintenance described below has been performed in accordance with the applicable standards of airworthiness


SignatureIf box is checked, subject to a
satisfactory test flightName: D. Webber
License #: M410540Work Order #: 2021-095 / OA335
AMO #:

Cylinder →	#1	#2	#3	#4	#5	#6
	LEFT	N/A / 80				
DIFFERENTIAL PRESSURES	RIGHT	N/A / 80				

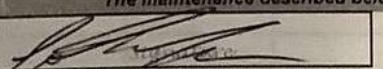
- 100 HR INSPECTION CARRIED OUT IAW THE IAW CAR'S 625 APPENDIX B & C. USING CESSNA 340A SERVICE MANUAL AS A GUIDE.
- OIL & FILTER CHANGE WAS CARRIED OUT. FILTER OPENED AND INSPECTED. NO CONTAMINATES FOUND
- NEW FILTERS INSTALLED, ENGINES SERVICED WITH FRESH OIL.
- L/H AND R/H ENGINE COMPRESSION TEST NOT CARRIED CARRIED OUT, ENGINES HAVE ONLY 3.6 HOURS SINCE INSTALL.
- AIRCRAFT GROUND RUN AND LEAK CHECK CARRIED OUT, AS PER POH. NO FAULTS FOUND.

--- END ---

Registration: C-GMDM
A/C Time: 5,115.04/6/22
5/115.0-5/116.9Date: April 6, 2022
Work: Other

Oceanside Aviation Ltd.

The maintenance described below has been performed in accordance with the applicable standards of airworthiness


SignatureIf box is checked, subject to a
satisfactory test flightName: L. Rosborough
License #: M451498Work Order #: DAL - 2022-035
AMO #:

OWNER REQUESTED R/H ALTERNATOR BE REPLACED WITH OVERHAULED UNIT. R/H ALTERNATOR P/N ALV-9610 S/N H-M041383 REMOVED AND OVERHAULED ALTERNATOR P/N ALV-9610 S/N A2202122 INSTALLED IAW CESSNA 340A SERVICIE MANUAL. NFF.

- AIRCRAFT TO BE GROUND RUN AND CHARGING SYSTEM TO BE CHECKED. AIRCRAFT GROUND RUN CARRIED OUT AND CHARGING SYSTEM CHECKED SERVICEABLE. NFF.

--- END ---

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Registration:
A/C Time:

C-GMDM

5164.4 *dw*

Date Work

November 18, 2022
Other

R/H Engine Log
Oceanside Aviation Ltd

The maintenance described below has been performed in accordance with the applicable standards of airworthiness

If box is checked, subject to a
satisfactory test flight

Name:
License #:

L. Rosborough
M451498

Work Order #:
AMO #:

OAL - 2022-138

[Signature]

• REQUESTED MAINTENANCE:

- CARRY OUT OIL CHANGE ON L/H ENGINE. OIL AND FILTER CHANGE CARRIED OUT ON L/H ENGINE. NEW CH48108-1 FILTER INSTALLED. ENGINE SERVICED WITH 11 QUARTS OF PHILLIPS 20W-50 OIL. NFF.
- CARRY OUT OIL CHANGE ON R/H ENGINE. OIL AND FILTER CHANGE CARRIED OUT ON R/H ENGINE. NEW CH48108-1 FILTER INSTALLED. ENGINE SERVICED WITH 11 QUARTS OF PHILLIPS 20W-50 OIL. NFF.
- CHECK NOSE WHEEL SHIMMY DAMPER. NOSE WHEEL SHIMMY DAMPER SERVICED AS PER CESSNA 340A SERVICE MANUAL. NFF.

~~ END ~~

Registration: C-GMDM
A/C Time: 5,206.5

Date: feb 10 2023
Work: Annual

Oceanside Aviation Ltd

The maintenance described below has been performed in accordance with the applicable standards of airworthiness

[Signature]
If box is checked, subject to a
satisfactory test flight

Name:
License #:

L. Rosborough
M451498

Work Order #:
AMO #:

OAL - 2022-184

DIFFERENTIAL PRESSURES

Cylinder →	#1	#2	#3	#4	#5	#6
LEFT	72 / 80	72 / 80	79 / 80	72 / 80	70 / 80	74 / 80
RIGHT	70 / 80	76 / 80	74 / 80	76 / 80	76 / 80	76 / 80

- 100 HR/ANNUAL INSPECTION CARRIED OUT IAW CARS 625 APPENDIX B & C USING CESSNA 340A AMM AS A GUIDE.
- OIL & FILTER CHANGE WAS CARRIED OUT - FILTER WAS OPENED AND NO METAL CONTAMINATION WAS FOUND.
- OIL & FILTER CHANGE WAS CARRIED OUT ON L/H ENGINE - FILTER WAS OPENED AND NO METAL CONTAMINATION WAS FOUND. NEW OIL FILTER P/N: CH48108-1 INSTALLED AND ENGINE SERVICE WITH 11 QTS OF PHILLIPS 20W50. NFF.
- OIL & FILTER CHANGE WAS CARRIED OUT ON R/H ENGINE - FILTER WAS OPENED AND NO METAL CONTAMINATION WAS FOUND. NEW OIL FILTER P/N: CH48108-1 INSTALLED AND ENGINE SERVICE WITH 11 QTS OF PHILLIPS 20W50. NFF.
- AD2000-01-16 EXHAUST SYSTEM INSPECTION CARRIED OUT ON L/H ENGINE AS PER INSTRUCTIONS. NFF.
- AD2000-01-16 EXHAUST SYSTEM INSPECTION CARRIED OUT ON R/H ENGINE AS PER INSTRUCTIONS. NFF.
- ANNUAL TACHOMETER CHECK CARRIED OUT ON L/H TACH AS PER CARS 625 APPENDIX C. TACH READING WITHIN LIMITS.
- ANNUAL TACHOMETER CHECK CARRIED OUT ON R/H TACH AS PER CARS 625 APPENDIX C. TACH READING WITHIN LIMITS.
- AIRCRAFT GROUND RUN AND LEAK CHECK CARRIED OUT AS PER C340A POH. NFF.

~~ END ~~

Registration: C-GMDM
A/C Time: 5,245.2

Date Work
Other

R/H Engine Log
Oceanside Aviation Ltd

The maintenance described below has been performed in accordance with the applicable standards of airworthiness

[Signature]
If box is checked, subject to a
satisfactory test flight

Name:
License #:

D. Webber
M410540

Work Order #:
AMO #:

OAL - 2023-107

- OIL AND FILTER CHANGE CARRIED OUT ON R/H ENGINE. FILTER OPENED NO CONTAMINATES FOUND. NEW FILTER P/N AA48108-2 INSTALLED. ENGINE SERVICED WITH 11 QUARTS OF PHILLIPS 20W-50 XC OIL. NFF.

~~ END ~~

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L/H

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATION NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

Registration: AVG Time:	C-GMDM 5,286.8	Date Work: Annual	Mar 11 2024	Oceanside Aviation Ltd
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The maintenance described below has been performed in accordance with the applicable standards of airworthiness

subject to a satisfactory test flight Name: L. Rosborough
License #: M451498 Work Order #: RA-000407
AMO #: _____

DIFFERENTIAL PRESSURES	Cylinder →	#1	#2	#3	#4	#5	#6
	LEFT	68 / 80	64 / 80	68 / 80	68 / 80	70 / 80	74 / 80
	RIGHT	72 / 80	73 / 80	65 / 80	74 / 80	70 / 80	73 / 80

• REQUESTED MAINTENANCE:

- 100 HRS ANNUAL INSPECTION CARRIED OUT AS PER CAR 625 APP B&C USING C 340A SERVICE MANUAL AS A GUIDE.
- OIL & FILTER CHANGE WAS CARRIED OUT ON R/H ENGINE - FILTER WAS OPENED AND NO METAL CONTAMINATION WAS FOUND. NEW FILTER PN: AA48108-2 INSTALLED AND ENGINE SERVICED W/ 11 QTS 20W-50 X/C. NFF.
- AD2000-01-16 EXHAUST SYSTEM INSPECTION CARRIED OUT ON R/H ENGINE AS PER INSTRUCTIONS. NFF.
- AD2023-09-09 SPOT WELDED. MULTISEGMENT V-BAND CLAMP INSPECTION FOUND N/A. SPECIFIED EQUIPMENT NOT INSTALLED. ENGINE HAS 1 PIECE V-BAND CLAMPS INSTALLED.
- DEFECTS DISCOVERED DURING INSPECTION
- BAFFLE SEALS ON R/H INTAKE PLENUM DETERIORATED. NEW BAFFLE SEAL, PN: TA8071 INSTALLED AS PER AC43.13-1B. NFF.
- R/H ENGINE INDUCTION AIR FILTER REPLACED WITH NEW P/N: P128156 AS PER C340A SERVICE MANUAL. NFF.
- R/H ENGINE, L/H MAGNETO P-LEAD FOUND BROKEN. NEW TERMINAL INSTALLED ON P-LEAD WIRE AS PER AC43.13-1B. NFF.
- R/H ENGINE TIT PROBE FOUND TO BE READING INACCURATELY. FOUND TIP OF PROBE TO BE BURNED OFF. NEW PROBE PN: 2871, SN: 11435 INSTALLED AS PER C340A SERVICE MANUAL. TIT INDICATION CHECKED SERVICEABLE.
- AIRCRAFT GROUND RUN AND LEAK CHECK CARRIED OUT AS PER C340A POH. NFF.

--- END ---

Registration: AVG Time:	C-GMDM 5,329.9	Date Work: Annual	June 4, 2025	Oceanside Aviation Ltd
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The maintenance described below has been performed in accordance with the applicable standards of airworthiness

subject to a satisfactory test flight Name: D Smith
License #: M451452 Work Order #: RA-000408
AMO #: _____

DIFFERENTIAL PRESSURES	Cylinder →	#1	#2	#3	#4	#5	#6
	LEFT	73 / 80	74 / 80	78 / 80	70 / 80	70 / 80	72 / 80
	RIGHT	68 / 80	73 / 80	75 / 80	76 / 80	74 / 80	72 / 80

- 100 HOUR / ANNUAL INSPECTION C/O IAW CARS 625 APP B & C USING CESSNA 340A SERVICE MANUAL AS A GUIDE.
- LH ENGINE OIL AND FILTER CHANGE C/O IAW C340A SERVICE MANUAL. FILTER OPENED AND INSPECTED FOR METAL CONTAMINATION. NEW FILTER PN AA48108-2 INSTALLED. SERVICED WITH 11 QTS 20W 50 X/C. NFF.
- RH ENGINE OIL AND FILTER CHANGE C/O IAW C340A SERVICE MANUAL. FILTER OPENED AND INSPECTED FOR METAL CONTAMINATION. NEW FILTER PN AA48108-2 INSTALLED. SERVICED WITH 11 QTS 20W 50 X/C. NFF.
- EXHAUST SYSTEM INSPECTION ON LH ENGINE C/O IAW AD2001-01-16. CHECKED SERVICEABLE.
- EXHAUST SYSTEM INSPECTION ON RH ENGINE C/O IAW AD2001-01-16. CHECKED SERVICEABLE.
- LH ANNUAL MECHANICAL TACH CHECK C/O IAW CARS 625 APP C. CHECKED SERVICEABLE.
- RH ANNUAL MECHANICAL TACH CHECK C/O IAW CARS 625 APP C. CHECKED SERVICEABLE.
- DEFECTS DISCOVERED DURING INSPECTION:
- RH ENGINE PROP DEICE BRUSHES REPLACED W/ NEW PN: RAB40012 IAW C340A SERVICE MANUAL. NFF.
- RH TIT PROBE FOUND W/ NEW PROBE PN 2871 INSTALLED IAW C340A SERVICE MANUAL. NFF.
- LH ENGINE VACUUM REGULATOR BRACKET REPAIR W/ DOUBLER PLATE IAW AC43.13-1B. NFF.
- RH ALTERNATE AIR FOUND STIFF TO MOVE. CONTROL CABLE LUBRICATED IAW C340A SERVICE MANUAL. NFF.
- GROUND RUN AND LEAK CHECK C/O IAW C340A POH CHECKED SERVICEABLE.

--- END ---

