

TORNADO ALLEY TURBO INC.
 AIRPORT RD
 A, OK 74820

ENGINE LOG BOOK ENTRY
 15 JAN 2011



33CP CIRRUS SR22-G3 SN: 3302 ACFT HOBBS: 148.6 FLIGHT: 117.2
 IO-550-N SN: 692049 ENG TT: 117.2 ENG TSMOH: N/A
 COMPLETED ANNUAL INSPECTION USING CIRRUS DESIGN CORPORATION SCHEDULED INSPECTION REPORT DATED 15 JUNE 2010 AS A GUIDE. PERFORMED ALL INSPECTIONS AND MAINTENANCE AS REQUIRED BY THE AIRCRAFT CONTINUED AIRWORTHINESS DOCUMENT.
 PERFORMED AIRWORTHINESS DIRECTIVE SEARCH USING AVANTEX DISC 2011-01.
 ALL AIRWORTHINESS DIRECTIVES COMPLIED WITH OR NOT APPLICABLE.
 PERFORMED CYLINDER DIFFERENTIAL COMPRESSION CHECK RESULTS WERE #1 68/80, #2 74/80, #3 74/80, #4 70/80, #5 71/80, AND #6 75/80.
 DRAINED ENGINE OIL AND RETAINED A SAMPLE FOR ANALYSIS. REMOVED OIL FILTER AND EXAMINED FILTER ELEMENT FOR CONTAMINATES. SERVICED ENGINE WITH 8 QUARTS OF AEROSHELL 100W PLUS OIL AND INSTALLED NEW CHAMPION OIL FILTER CH48109-1.
 REMOVED AND REPLACED ALL SPARK PLUGS WITH NEW CHAMPION RHB32E. CHECKED AND ADJUSTED VALVE CLEARANCE TO 22 DEGREES BTC.
 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION.

DAVID R. LANDRETH A&P 2651512 IA

ENGINE MODEL: Clear Star Aviation
 IO-550-N
ENGINE S/N: 692049
REG. NO.: N453CP
WORK ORDER: 113508

Repair Station No.: 5CSR009B
 4765 Frank Luke Dr
 Adkins, Texas 75001
 Phone: 972-267-2376

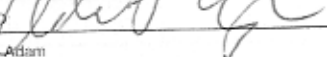
DATE: 1/11/2012
A/C TSN: 142 B
ENG TT: 142 B
FLIGHTTIME: 142 B

Engine Entries

Performed engine 100 HR inspection in accordance with current Cirrus Design Aircraft Maintenance Manual 5-20 and 5-30. The cylinder compression was checked with the following results: #1, 72/80 #2, 78/80 #3, 73/80 #4, 74/80 #5, 71/80 #6, 72/80 psi. Master orifice 48/80. The oil and filter was changed and serviced with 8 quarts of AeroShell W100+ and a new CH48108-1 filter. An oil sample was collected for analysis by Aviation Oil Analysis of Phoenix, AZ. Inspected the turbo system in accordance with the instructions for continued airworthiness document 22-6460004 Rev. A. Installed new LH exhaust manifold P/N 22-685000. Installed new magneto pressure lines and clamps. Replaced turbo support rod wear sleeves. Safety wired both V band clamps.

Researched AD's through bi-weekly issue of this date, all AD's are in compliance at this time. I certify that this engine has been inspected in accordance with a 100HR inspection and was determined to be in airworthy condition. I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 1/11/2012

SIGNED: 
 Menge, Adam
 Certified Repair Station No. 5CSR009B

Work Order: 113508

Printed by EBis 3 (dalcomedia.com)

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Flight Forward	→				

TORNADO ALLEY TURBO INC.
100 AIRPORT RD
OKLAHOMA, OK 74820

ENGINE LOG BOOK ENTRY
15 JAN 2011



53CP CIRRUS SR22-G3 SN: 3302 ACFT HOBBS: 148.6 FLIGHT: 117.2
M IO-550-N SN: 692049 ENG TT: 117.2 ENG TSMOH: N/A

COMPLETED ANNUAL INSPECTION USING CIRRUS DESIGN CORPORATION SCHEDULED INSPECTION REPORT DATED 15 JUNE 2010 AS A GUIDE. PERFORMED ALL INSPECTIONS AND MAINTENANCE AS REQUIRED BY THE CIRRUS CONTINUED AIRWORTHINESS DOCUMENT.

PERFORMED AIRWORTHINESS DIRECTIVE SEARCH USING AVANTEX DISC 2011-01. FOUND ALL AIRWORTHINESS DIRECTIVES COMPLIED WITH OR NOT APPLICABLE. PERFORMED CYLINDER DIFFERENTIAL COMPRESSION CHECK RESULTS WERE #1 68/80, #2 74/80, #3 74/80, #4 71/80, #5 71/80, AND #6 75/80.

REMOVED ENGINE OIL AND RETAINED A SAMPLE FOR ANALYSIS. REMOVED OIL FILTER AND EXAMINED ELEMENT FOR CONTAMINATES. SERVICED ENGINE WITH 8 QUARTS OF AEROSHELL 100W PLUS OIL AND INSTALLED NEW CHAMPION OIL FILTER CH48109-1. REMOVED AND REPLACED ALL SPARK PLUGS WITH NEW CHAMPION RHB32E. CHECKED AND ADJUSTED TIMING TO 22 DEGREES BTC.

CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION.

DAVID R. LANDRETH A&P 2651512 IA

ENGINE MODEL: IO-550-N	Clear Star Aviation	DATE: 1/11/2012
ENGINE S/N: 692049	Repair Station No. 5CSR009B	A/C TSN: 142 6
REG. NO: N453CP	4705 Frank Luke Dr	ENG TT: 142 6
WORK ORDER: 113508	Addicks, Texas 75001	FLIGHTTIME: 142 6
	Phone: 972-257-2376	

Engine Entries
Performed engine 100 HR inspection in accordance with current Cirrus Design Aircraft Maintenance Manual 5-20 and 5-30. The cylinder compression was checked with the following results: #1, 72/80 #2, 78/80 #3, 73/80 #4, 74/80 #5, 71/80 #6, 72/80 psi. Master orifice 48/80. The oil and filter was changed and serviced with 8 quarts of AeroShell W100+ and a new CH48108-1 filter. An oil sample was collected for analysis by Aviation Oil Analysis of Phoenix, AZ. Inspected the turbo system in accordance with the instructions for continued airworthiness document 22-6460004 Rev. A. Installed new LH exhaust manifold P/N 22-685000. Installed new magneto pressure lines and clamps. Replaced turbo support rod wear sleeves. Safety wired both V band clamps.

Researched AD's through bi-weekly issue of this date, all AD's are in compliance at this time. I certify that this engine has been inspected in accordance with a 100HR inspection and was determined to be in airworthy condition. I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 1/11/2012 SIGNED: *[Signature]* Work Order: 113508
Menge, Adam Printed by EBIS 3 (datcomedia.com)
Certified Repair Station No. 5CSR009B