

TELEDYNE MATTITUCK SERVICES, Inc. **Red - Gold** LIMITED PISTON ENGINE WARRANTY

Effective 11/9/99, TELEDYNE MATTITUCK SERVICES, Inc. (hereinafter "TMS") makes the following warranty to its customer subject to the limitations, conditions and exclusions set forth below.

WARRANTY COVERAGE - For a period of one (1) year after date of delivery to customer, or 480 hours of operation, whichever occurs first TMS shall repair or replace, at its option, any aircraft engine, accessory or part which is found to be defective, to TMS's satisfaction, within said warranty period.

For engine warranty after one (1) year from the date of delivery to customer and prior to the expiration of the original manufacturer's recommended time between overhaul ("TBO") the cost of repair or replacement (including the cost of parts and labor), at TMS's option, shall be prorated in the following manner. The customer shall pay the net price for a newly remanufactured engine equal to the current list price for the engine divided by the applicable TBO, and then multiplied by the number of hours on the repaired or replaced engine (which shall be deemed the greater of the actual logbook hours, recorded tachometer hours or hours or time at forty (40) hours per month from the date of delivery). Reasonable labor costs associated with the repair of a warranted engine shall be prorated in the same manner on the basis of a flat rate schedule established by TMS.

After the initial one (1) year from date of delivery or 480 hours of operation, TMS will not assume any responsibility for the repair or replacement of engine accessories, e.g. magneto starter, alternator, ignition harness, turbocharger, etc.

Replacement parts supplied for warranted engines still covered by manufacturer's warranty are supplied on an exchange basis. TMS will pursue warranty claims with the manufacturer on the owner's behalf. Any allowance by the manufacturer will be credited to the operator's account.

A troubleshooting allowance of up to 15% of the repair cost will be allowed at the discretion of TMS. The repair or replacement of any part under the foregoing warranty shall not extend the periods or warranty coverage set forth above. TMS reserves the right to change the price or specifications of any engine or part at any time.

CONDITIONS AND PROCEDURES FOR OBTAINING WARRANTY WORK - The foregoing warranty shall be effective only if the engine or component to be serviced is returned to TMS's facility at customer's expense, together with particulars in writing of the nature of the defect. The customer or his representative should contact TMS for verification and authorization of warranty prior to return and/or repair.

Written authorization must be obtained from TMS before repairs covered by warranty can be performed other than by TMS. In no event shall allowable labor costs exceed local published shop rates. The foregoing warranty shall apply if and only if the engine has been properly installed and maintained in accordance with current approved standards of the FAA and current recommendations of the manufacturer as specified in applicable factory manuals and service bulletins. The performance of recommended inspections and maintenance must be documented by logbook entries which must accompany any engine returned for warranty work. Defects must be discovered within the warranty period and TMS must be given prompt notice thereof in writing, within ten (10) days after discovery.

LIMITATIONS, EXCLUSIONS, AND DISCLOSURES - TMS shall not assume freight charges, transportation or delivery expenses, costs, or airframe repairs, all of which are excluded under this warranty. TMS does not warrant parts, materials or services supplied which are covered by manufacturer's warranty. This warranty shall not apply to any engine which has been subject to misuse, neglect, accident or damage from the elements, or which has been installed, repaired or maintained or altered in any manner which in the judgement of TMS, has had an adverse effect on the engine or part. This warranty shall not apply to any engine which has been operated under conditions which exceed the manufacturer's recommendations. This warranty shall not apply to any engine which has been repaired or altered in any manner other than by TMS, or its representative.

THE FOREGOING WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED ARISING BY OPERATION OF LAW OR OTHERWISE INCLUDING WITHOUT LIMITATION THE WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE WHICH WARRANTIES ARE HEREBY EXCLUDED. TMS liability hereunder shall be limited to the repair or replacement of any engine or part found to be defective within the applicable warranty period as set forth above. IN NO EVENT SHALL TMS BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES OR ECONOMIC LOSS OF ANY NATURE WHETHER ARISING IN CONTRACT OR TORT, INCLUDING STRICT LIABILITY IN TORT OR NEGLIGENCE ON THE PART OF TMS. The foregoing limitations and exclusion with respect to implied warranties and the exclusion of incidental or consequential damages may not apply in those states which prohibit such limitation or exclusions. This warranty gives customer specific legal rights and the customer may have other rights which vary from state to state.

Work Order No. 31045
Engine Serial No. 314405



410 Airway Drive
Mattituck, NY 11952
Tel: (631) 298-8330
(800) 624-6680

This is to certify that the engine described hereafter has been overhauled to manufacturer's new part limits by Teledyne Mattituck Services, Inc. Engine disassembled, cleaned, and inspected in accordance with manufacturer's instructions. All steel parts magnafluxed. All Applicable Airworthiness Directives are in compliance. The engine, with respect to the work performed is airworthy and approved for return to service. A description of these repairs is on file at this agency under:

JOB NO. 31045 DATED 10 JUN 04
 MFG. TCM MODEL TS10-360-FB
 Serial No. 314405 Time in svc. 1800 HRS.

TELEDYNE MATTITUCK SERVICES, INC.

FAA REPAIR STATION # T10R507Y
 AIRWAY DRIVE MATTITUCK NY 11952



[Handwritten Signature]
 Authorized Signature

NEW CYL ASSYS INSTALLED AT THIS TIME

The accessories listed below were overhauled by Teledyne Mattituck Services, Inc. in accordance with applicable manufacturer's service and parts manuals and installed on the engine:

Item	Part No.	Serial No.
RT MAG	10-79020-118	6169502DR
LT MAG	10-79020-118	D01FA146R
MAGNETOS REMOVED & FOLLOWING		
MAGNETOS INSTALLED AUG 24 2004		
RT MAG	BL-500556-103	D04HA080R
LT MAG	BL-500556-103	D04HA079R

The accessories listed below were **New** or **Overhauled** as indicated in the status column and installed on the engine. Overhaul records for these overhauled accessories are in an envelope in the back of this logbook.

Item	Part No.	Serial No.	Status
FUEL PUMP	649328	649051A2	B04DA027R 0
THROTTLE	640563	649051A2	A04DA018R 0
FUEL CONT	641032-11AB	649051A2	C04DA024R 0
FLOW DIVIDER	649051A2	655565F12V	0004 N
FUEL MAN	649051A2	60515442	ALX-952BR 0



TELEDYNE MATTITUCK SERVICES, INC.

FAA REPAIR STATION T10R507Y

W.O. NO. 31045 DATE 10 JUN 04

[Handwritten Signature]
 Authorized Signature

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JOB NO. 31045 DATED 10 JUN 04
 MFG. TCM MODEL TS10-360-FB
 Serial No. 314405 Time in svc. 1800 HRS.

TELEDYNE MATTITUCK SERVICES, INC.
 FAA REPAIR STATION # T10R507Y
 AIRWAY DRIVE, MATTITUCK NY 11952

[Signature]
 Authorized Signature



NEW CYL ASSYS INSTALLED AT THIS TIME

The accessories listed below were overhauled by Teledyne Mattituck Services, Inc. in accordance with applicable manufacturer's service and parts manuals and installed on the engine:

The accessories listed below were New or Overhauled as indicated in the status column and installed on the engine. Overhaul records for these overhauled accessories are in an envelope in the back of this logbook.

Item	Part No.	Serial No.	Item	Part No.	Serial No.	Status
RT MAG	10-79020-118	G169802DR	FUEL PUMP	649328	B04DA027R	0
LT MAG	10-79020-118	D01FA146R	TURBOCHARGER	640563		
			FUEL CONT	649051AZ	A04DA018R	0
			FLOW DIVIDER	641032-11AB		
			FUEL MAN	649051AZ	C04DA024R	0
			STARTER	65565A12V	0004	N
			ALTERNATOR	ALX-952BR	E051544Z	0

MAGNETOS REMOVED & FOLLOWING
 MAGNETOS INSTALLED AUG 24, 2004
 RT MAG BL-500556-103 D04HA080R
 LT MAG BL-500556-103 D04HA079R

TELEDYNE MATTITUCK SERVICES, INC.
 FAA REPAIR STATION T10R507Y
 W.O. NO. 31045 DATE 10 JUN 04

[Signature]
 Authorized Signature

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
				TOTALS brought forward from previous page

Keyson Airways Inc.
 117 Perimeter Road
 Nashua, NH 03063
 (603) 598-4526

AUGUST 11, 2004
 TACH-3313.69 TTAF-3313.69 TSMOH-0000.0 HOBBS-NONE

ANNUAL INSPECTION I/A/W PIPER SERVICE MANUAL & FORM 230-946 CHECKLIST. REINSTALLED ENGINE MOUNT AFTER OVERHAUL BY KOSOLA ASSOCIATES INC. W/O # 31987 USING NEW HARDWARE. REPLACED ENGINE WITH MATTITUCK "RED/GOLD" OVERHAUL ENGINE, W/O # 31045, USING NEW "LORD" ENGINE MOUNTS. REINSTALLED PROPELLER GOVERNOR AFTER OVERHAUL BY NEW ENGLAND PROPELLER INC. W/O # 30315. INSTALLED "MERLIN" TURBOCHARGER WASTE GATE CONTROLLER I/A/W STC # SA4732NM. REINSTALLED & SAFETIED PROPELLER AFTER ENGINE CHANGE. CHECKED ENGINE FOR PROPER IDLE RPM AND MIXTURE & PROPELLER SETTINGS. REPLACED BRACKETT AIR FILTER. FILLED WITH 8 QUARTS OF PHILLIPS 20W50 TYPE "M" OIL. INSPECTED ELECTRICAL & PLUMBING SYSTEMS. CLEANED ENGINE. ALL ADS IN COMPLIANCE AT THIS TIME. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION & WAS FOUND TO BE IN AIRWORTHY CONDITION.

BYRON F. DANFORTH
[Signature]
 A&F 2411043 IA

Keyson Airways Inc. 117 Perimeter Road
 Nashua, NH 03063 (603) 598-4526

AUGUST 24, 2004
 TACH-3314.9 TTAF-3314.9 TSMOH-N/A HOBBS-NONE

REMOVED ALTERNATOR (P/N ALX-952 BR S/N 0062360). REMOVED & INSPECTED ALTERNATOR DRIVE COUPLING I/A/W SB 95-3A. INSTALLED DRIVE COUPLING ON TO NEW OVERHAUL ALTERNATOR (P/N ALX-952 BR S/N E051544Z) & INSTALLED ALTERNATOR ON TO ENGINE WITH NEW HARDWARE & GASKET. REMOVED VOLTAGE REGULATOR (ELECTROSYSTEMS P/N VR3715 S/N 9011961) & INSTALLED NEW VOLTAGE REGULATOR (LAMAR P/N B-00371-1 S/N 80543108). REMOVED BOTH MAGNETOES S6LN-25P (P/N 10-79020-118) LEFT MAGNETO S/N D01FA146R & RIGHT MAGNETO S/N G169802DR & INSTALLED FACTORY REBUILT MAGNETOS S6LSC-25P (P/N BL-500556-103) LEFT MAGNETO S/N D04HA079R & RIGHT MAGNETO S/N D04HA080R WITH NEW HARDWARE & GASKETS. TIMED MAGNETOS TO ENGINE. OPERATIONAL CHECK OK. NO LEAKS NOTED.

W/O 04-9128

Work Order # 04-9128 Date 8-24-04

Keyson Airways Corporation
 FAA Certified Repair Station KNMR864S Form #5

TOTALS—Carry forward to next page

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
				TOTALS brought forward from previous page

AIRCRAFT LOG

Date	Aircraft Time	Recorder	nce
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Keyson Airways Inc
 117 Perimeter Road
 Nashua, NH 03063
 (603) 598-4526

SEPTEMBER 15, 2004
 TACH-3332.8 TAF-3332.8

DRAINED OIL & CUT OLD FILTER FOR INSPECTION. NO UNDUE CONTAMINATION FOUND
 REPLACED OIL FILTER (CH48108-1) & FILLED WITH 7 QUARTS OF PHILLIPS 20W50
 TYPE "M" OIL. WASHED ENGINE. LEAK CHECK OK. PRO-SEALED ENGINE BAFFLING

Signature: [Signature]

Work Order # 049184

Date 9.15.04

Keyson Airways Corporation
 FAA Certified Repair Station: KNMR864S Form #8

Total To Carry Forward				
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11/20/04	Tech	3333.9		Drained oil, removed & replaced oil filter CH48108-1 serviced with 7qt of Exxon 20W-50 Elite, Leaked checked ok Phil Machine AP2217271

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TOTALS brought forward from previous page				

AIRCRAFT LOG

Date	Aircraft Time	Recorder	nce
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Keyson Airways Inc
117 Perimeter Road
Nashua, NH 03063
(603) 598-4526

SEPTEMBER 15, 2004
TACH-3332.8 TAF-3332.8

DRAINED OIL & CUT OLD FILTER FOR INSPECTION. NO UNDUE CONTAMINATION FOUND
REPLACED OIL FILTER (CH48108-1) & FILLED WITH 7 QUARTS OF PHILLIPS 20W50
TYPE "M" OIL. WASHED ENGINE. LEAK CHECK OK. PRO-SEALED ENGINE BAFFLING.

Signature: *[Signature]*
Work Order #: 049184 Date: 9.15.04

Keyson Airways Corporation
FAA Certified Repair Station: KNMR8645 Form #8

Total To Carry Forward			
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10/20/04	Tach	3353.9	DRAINED OIL, REMOVED & REPLACED OIL FILTER CH48108-1 SERVICED WITH 7qt of Exxon 20W-50 Elite, Leaked checked OK <i>Phil Seachurn AP2217271</i>
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TOTALS brought forward from previous page				
6/6/06	3395.3	0810.6	3395.3	DRAINED OIL REMOVED & REPLACED OIL FILTER CH48108-1, SERVICED WITH 7qt of Exxon 20W-50 Elite, Leaked checked OK <i>Phil Seachurn AP2217271</i>
AUGUST 1, 2005 TACH-3418.66 TAF-3418.66 TSMOH-104.97 HOBBS-NONE				
ANNUAL INSPECTION I/A/W PIPER SERVICE MANUAL & FORM 230-946 CHECKLIST. COMPRESSION: #1 78/80 #2 79/80 #3 78/80 #4 78/80 #5 79/80 #6 76/80. REPLACED BRACKETT AIR CLEANER ELEMENT. INSPECTED FUEL, ELECTRICAL & PLUMBING SYSTEMS. DRAINED OIL, REPLACED CH48108 OIL FILTER & FILLED WITH 8 QUARTS OF AEROSHELL 15W50 OIL. CUT OPEN & INSPECTED OLD FILTER. NO CONTAMINATION FOUND. CLEANED AND GAPPED ALL SPARKPLUGS. CLEANED FUEL NOZZLES. INSPECTED INTAKE & EXHAUST SYSTEMS. INSPECTED & CLEANED FUEL SCREENS. INSPECTED ELECTRICAL & PLUMBING SYSTEMS. CLEANED ENGINE. CHECKED ALL AD'S THRU BI-WEEKLY 2003-09. ALL ADS IN COMPLIANCE AT THIS TIME. I CERTIFY THAT THIS ENGINE & PROPELLER HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION & WAS FOUND TO BE IN AIRWORTHY CONDITION.				
<i>[Signature]</i> AP221043				
12/14/05	3463.7			DRAINED OIL REMOVED & REPLACED OIL FILTER CH48108-1, SERVICED WITH 7qt of Exxon 20W-50 Elite, Leaked checked OK <i>Phil Seachurn AP2217271</i>

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				TOTALS brought forward from previous page
7/19/06	3509.0	194.0		Drained oil Removed & Replaced oil filter CH48108-1 Serviced with 8 qts of Exxon Elite 20W-50 Leak checked OK Phil Ruchin A&P2217271

Date	N#	Eng. Make/Model	S/N	Tach	SMOH	Eng. TT
9/15/2006	821ET	Continental TSIO-360-FB	314405	3527.7	214.01	2014.01

Performed an Annual Inspection in accordance with the Piper PA28R-201T Maintenance Manual Inspection Checklist. Complied with all pertinent ADs through issue 2006-18. Ground ran engine. Drained engine oil. Obtained an oil sample for analysis using customer supplied kit 1151. Replaced oil filter with new customer supplied oil filter P/N CH48108-1. Cut open old filter and inspected element. Checked and cleaned oil suction screen. Removed, cleaned, gapped, tested and reinstalled spark plugs using new M674 spark plug gaskets. Performed engine compression check: #1 76/80, #2 74/80, #3 74/80, #4 76/80, #5 76/80, #6 74/80. Checked and cleaned fuel screens. Lubed controls and checked travels. Serviced engine with 8 quarts of customer supplied Exxon 20W50 Exxon Elite oil. Ground ran engine. Operational and leak checks satisfactory -----END-----

I certify that this engine has been inspected in accordance with an Annual Inspection and has been determined to be in an airworthy condition.

Carlos Joseph Garrett III
 Carlos Joseph Garrett III IA 044464008

SZIGETI
 AIR SERVICES LLC
 50 Lindbergh Drive Hartford, CT 06114 860-727-8692 Fax 860-727-8704 e-mail SASCTUSA@AOL.COM

2/14/07	3563.8			Drained oil Removed & Replaced oil filter CH48108-1 Serviced with 8 qts of Exxon Elite 20W-50 Leak checked OK Phil Ruchin A&P2217271
8/15/07	3636.2			Drained oil Removed & Replaced oil filter CH48108-1 serviced with 7 qts of Exxon Elite 20W-50. Leak checked OK. Evan Gottlieb 3175943
				SUB-TOTALS —this page
				TOTALS —Carry forward to next page

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
				TOTALS brought forward from previous page



Date: 10/24/2007; Aircraft: N821ET; Type: PA28R-201T; S/N: 28R-7703147; Hobbs: 0 00; Tach: 3649 82; Total Time: 3649.82
 * Performed a 100 Hour/Annual Inspection of the Engine in accordance with the inspection checklist contained in the PA28R Maintenance Manual
 * Performed a Differential Compression Check with the following results: Cylinder #1 64/80, Cylinder #2 74/80, Cylinder #3 66/80, Cylinder #4 71/80, Cylinder #5 73/80, Cylinder #6 67/80
 * Checked the Magneto Timing.
 * Cleaned, gapped, and tested the spark plugs
 * Lubricated the engine controls and slip joints after cleaning
 * Inspected the oil filter only (not oil change)
 * Removed the fuel nozzles and placed them in a suitable cleaning solution Performed a fuel flow check, no discrepancies were noted Reinstalled each fuel nozzle and injector line B nut to original cylinder and torqued
 * Adjusted the magneto timing to manufacturer's specifications
 * Removed the transducer, cleaned and resealed the fitting Reinstalled and tested with no leaks noted
 * Loosened the turbocharger "V" clamps and adjusted the exhaust to create more clearance at the left steering rod Removed, cleaned, painted and reinstalled the steering rod
 * Replaced the hardware and slip joints
 * Adjusted the position of the heat shield
 * Removed the heat shroud and exhaust pipe. Reformed the shroud and support on the exhaust pipe
 * Installed A-279 fitting in the threaded part of tach drive. Tightened the tach drive
 * Removed the gaskolator and mounting bracket Cleaned and resealed the fittings. Cleaned, painted and reinstalled the bracket No leaks were noted.

Infinity Aviation Services LLC PAGE 1 OF 2

Infinity Aviation Services LLC PAGE 2 OF 2

I certify that this engine has been inspected in accordance with an Annual/100 hour Inspection and was determined to be in airworthy condition and is approved for return to service Pertinent details of this inspection are on file at Infinity Aviation Services LLC under the work order listed

Signature: Lee Abt A&P IA 79504149
 Date: 10/24/2007, W/O: I11824



Date: 2/08/2008; Aircraft: N821ET; Type: PA28R-201T; S/N: 28R-7703147; Hobbs: 0 00; Tach: 3685.46; Total Time: 3685 46
 * Cleaned the spark plugs. Removed the right magneto. Removed and replaced the points and capacitor on the right magneto Re-timed and reinstalled the right magneto Operationally tested the magnetos with satisfactory results

Signature: Lee Abt
 Date: 2/8/2008, W/O: 12024
 Infinity Aviation Services LLC
 FAA Certified Repair Station
 #I6FR992Y

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TOTALS —Carry forward to next page			

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
TOTALS brought forward from previous page				
5/11/08	3706			Drained oil and removed & replaced oil filter CH48108-1. Serviced with 8qts. of Exxon Elite 20W50. Leak checked OK. <i>Lee Abt</i> 3175943



Date: 6/16/2008; Aircraft: N821ET; Type: PA28R-201T; S/N: 28R-7703147; Hobbs.; Tach: 3715.47; Total Time: 3715.47
 * Removed the #2 cylinder for repair Received the repaired cylinder (reference Aircraft Cylinder Repair Inc yellow tag.) Installed the cylinder per the TCM Overhaul manual Installed a new exhaust lifter p/n 653906 Installed a new oil filter p/n CH48108-1 Serviced the engine with 7 quarts of Phillips 20W50 mineral oil Performed engine ground runs and an engine break-in flight with satisfactory results

Signature: Lee Abt
 Date: 6/16/2008, W/O: 12187
 Infinity Aviation Services LLC
 FAA Certified Repair Station
 #16FR992Y

SERVICEABLE
 N821ET #2 cylinder
 TACH 3715.47
 COMPONENTS
 CYLINDER CONT
 Component Name MFG. Name
 TSO 360 FB AC2110
 Model Serial No.
 REPAIRED OVERHAULED TESTED INSPECTION
 The aircraft component identified above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.
 OWNER: Infinity AV
 W/O. No. 892 DATE 6-3-08
 SIGNED FOR: [Signature]
 AIRCRAFT CYLINDER REPAIR INC
 120 PRESCOTT RD.
 WHITINSVILLE, MA. 01588
 TEL.: 508-234-7707

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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
TOTALS brought forward from previous page				



Date: 12/15/2008; Aircraft: N821ET; Type: PA28R-201T; S/N: 28R-7703147; Hobbs.; Tach: 3764.61; Total Time: 3764.61
 * Performed a 100 Hour/Annual Inspection of the Engine in accordance with the inspection checklist contained in the PA28R-201T Maintenance Manual
 * Performed a Differential Compression Check with the following results: Cylinder #1 72/80 Cylinder #2 65/80 Cylinder #3 60/80 Cylinder #4 62/80, Cylinder #5 65/80, Cylinder #6 65/80
 * Cleaned, gapped, and tested the spark plugs
 * Lubricated the engine controls and slip joints after cleaning
 * Drained and screened the oil for particles with none noted Removed, cut open and inspected the oil filter for particles with none noted Installed a new oil filter CH48108-1, torqued and safetied Added 8 quarts of Phillips 20W50M oil. Washed the engine with varsol and dried with compressed air Ground ran the engine and checked for oil leaks with no leaks noted
 * Removed the fuel nozzles and placed them in a suitable cleaning solution Performed a fuel flow check, no discrepancies were noted Reinstalled each fuel nozzle and injector line B nut to original cylinder and torqued
 * Repaired the p-leads on the magnetos and installed a new ring terminal
 * Fabricated a winterization plate and installed in the outboard cooler plenum per the POH section 8-15
 * Removed the #1 cylinder and sent it out for repair along with the piston, piston pin and rings Installed the repaired cylinder with new gaskets, piston rings, and valves Torqued the cylinder hold down nuts to manufacturer's specifications Reinstalled the push-rod and tubes Reinstalled the rocker covers Reinstalled the ignition wires and Tanis wiring Performed an engine ground break-in runs and flight break-in with no defects noted
 * Removed the entire exhaust stack from the transition pipe to the cylinders and sent out for repair and modification Installed the repaired and modified exhaust.
 * Applied clear RTV to the tear in the starter cable insulation and installed spiral wrap to the starter cable
 * Applied spiral wrap to the fraying alternator cable
 * Uncoiled the extra p-lead wire bundle Cut off the bad end of the wire Installed a new ring terminal Reinstalled the p-lead wire to the left magneto
 * Removed and replaced the incorrect engine data tag with a correct engine data tag
 * Removed the burned mixture control cable Installed a new mixture control cable p/n 455-361 in accordance with the Piper Maintenance Manual Checked the travels with satisfactory results
 * Applied spiral wrap to the entire length of the wire harness of the nose gear up and down lock switch
 * Re-torqued the fitting for the fuel pressure control box Pressurized the system and leak checked with no leaks noted
 * Installed a new clamp p/n 652436-1 for the #4 injector line
 * Removed the torn heat shield from the top of the nose wheel well fairing Applied new Kevlar heat shielding with red RTV
 * Removed and replaced the TIT probe p/n 86240 Operationally tested the TIT probe with satisfactory results
 * Removed the top case Tanis pad Installed a new top case Tanis pad p/n TAS300 in accordance with the Tanis Aircraft Products Bonding instructions.
 * Applied a layer of Oyltite-Stik over the top of the case half seam.
 * Sealed a tear in the baffling above the oil filler cap with black RTV
 * Accomplished a fuel flow set up per SID 97-3E and Piper Maintenance Manual Performed two test flights and operationally tested the fuel flow with satisfactory results
 * Replaced the ends of all the broken or brittle fuel primer wires Operationally tested the fuel primer with satisfactory results
 * Removed the damaged induction scoop seal Cleaned around the flange and installed a new seal p/n P86002S
 * Re-timed both magnetos to within manufacturer's specifications

I certify that this engine has been inspected in accordance with an Annual/100 hour Inspection and was determined to be in airworthy condition and is approved for return to service Pertinent details of this inspection are on file at Infinity Aviation Services LLC under the work order listed

Signature: Lee Abt
 Date: 12/15/2008, W/O: 112445
 Infinity Aviation Services LLC
 FAA Certified Repair Station
 #16FR992Y

COMPONENTS
 CYLINDER CONT
 Component Name MFG. Name
 TSO 360 AC2110
 Model Serial No.
 REPAIRED OVERHAULED TESTED INSPECTION
 The aircraft component identified above was repaired and / or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.
 OWNER: Infinity AV
 W/O. No. 936 DATE 12-05-08
 SIGNED FOR: [Signature]
 AIRCRAFT CYLINDER REPAIR INC
 120 PRESCOTT RD.
 WHITINSVILLE, MA. 01588
 TEL.: 508-234-7707

N821ET TACH 3764.61
 #16FR992Y
SERVICEABLE

