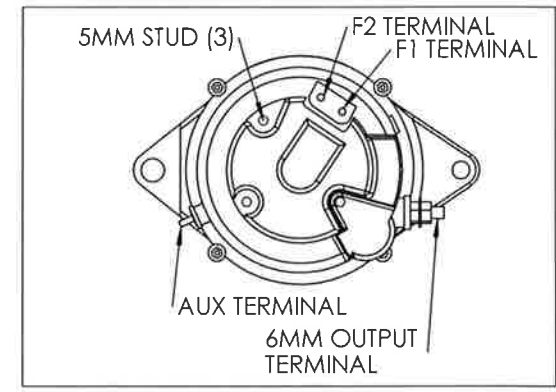
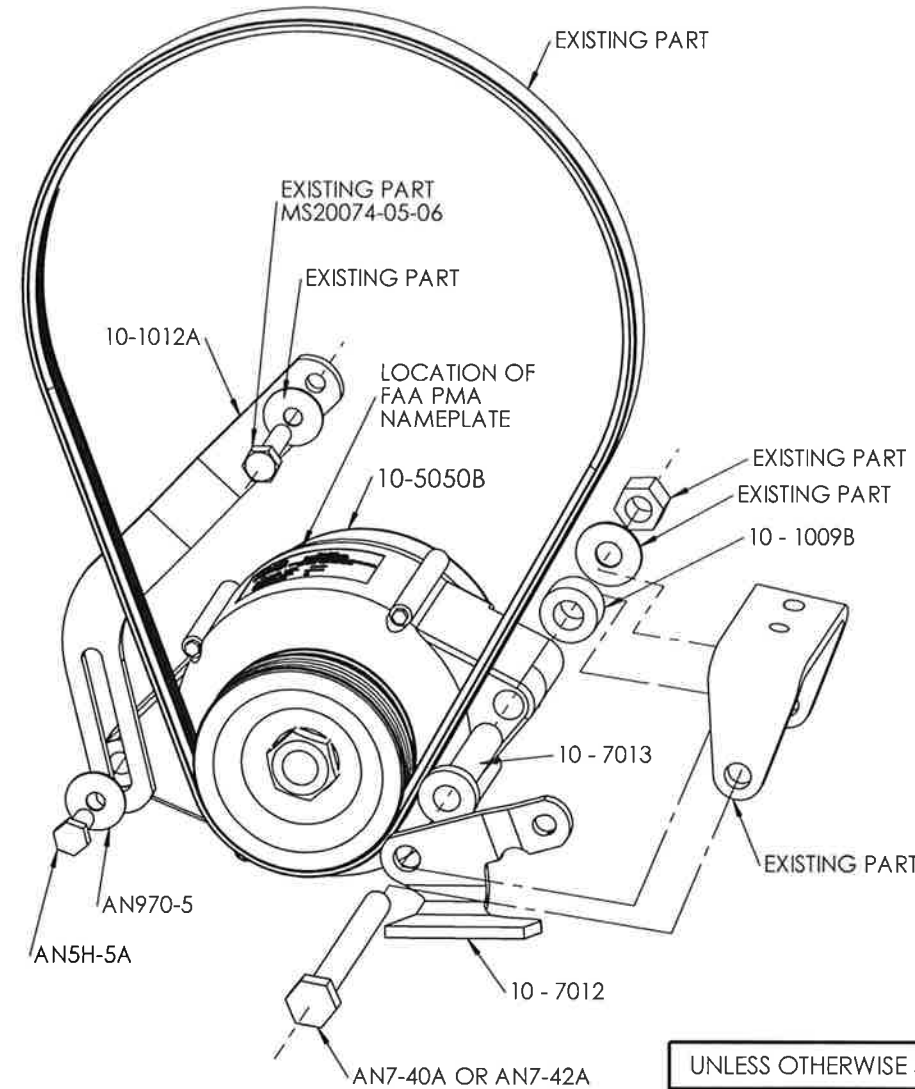


NOTE: SAFETY WIRE TENSION ARM BOLTS (MS20074 - 05 - 06 & AN5H-5A)

REVISIONS				
EN	REV.	DESCRIPTION	BY	DATE
1409018	C	FIRST RELEASE INTO HET DESIGN DATA	BJ	9/3/14
1409019	D	1) TITLE BLOCK WAS PLANE POWER, LTD 2) "HARTZELL ENGINE TECHNOLOGIES, LLC" WAS "PLANE-POWER, LTD" 3) "SHEET 2" WAS "REVERSE SIDE" 4) ADDED 10-1031 CALLOUT TO DATA TAG 5) 10-5050B WAS AL24-FS60 6) REMOVE DATA TAG MATERIAL NOTE 1) ON SHEET 1, "MAINTENANCE" WAS "CONTINUED AIRWORTHINESS"; 2) ON SHEET 2, "MAINTENANCE INSTRUCTIONS" WAS "INSTRUCTIONS FOR CONTINUED AIRWORTHINESS"; 3) CORRECTED SPELLING ERROR IN TITLE	BJ	9/3/14
1411048	E		OKQ	11/19/14



Plane Power FAA PMA
HARTZELL ENGINE TECHNOLOGIES, LLC
For eligibility see www.plane-power.com/catalog

MODEL NO. 10-5050B
SERIAL NO. 4V-YWWSN
VOLTAGE 24

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES AND APPLY AFTER HEAT TREAT AND PLATING
.X = ±.015
.XX = ±.010 ANGLES ±1°
.XXX = ±.005
BREAK ALL EDGES AND MACHINE ALL INSIDE CORNER FILLETS .015 MAX. SURFACE FINISH

GEOMETRIC SYMBOLS PER ANSI Y14.5	
FLATNESS	
STRAIGHTNESS	
ROUNDNESS	
CYLINDRICITY	
PROFILE	
PERPENDICULARITY	
POSITION	
CONCENTRICITY	
SYMMETRY	
ANGULARITY	
PARALLELISM	
CIRCULAR RUNOUT	
TOTAL RUNOUT	

DRAWN	BJ	6/18/08
CHECKED	EAB	11/19/14
ENG.	RJR	11/19/14
FINISH	N/A	
WEIGHT	N/A lbs	

HARTZELL ENGINE TECHNOLOGIES
2900 Selma Highway
Montgomery, AL 36108

SPECIFICATION CLASSIFICATION		
CLASSIFICATION	DIMENSION CONVENTION	NOTE NO. CONVENTION
CRITICAL	<XX XX>	<#>
MAJOR	[XX XX]	[#]
MINOR	XX XX	#
REFERENCE	(XX XX)	(#)

THIS DRAWING CONTAINS INFORMATION THAT IS CONFIDENTIAL AND PROPRIETARY TO HARTZELL ENGINE TECHNOLOGIES. THIS DRAWING IS FURNISHED ON THE UNDERSTANDING THAT THE DRAWING AND THE INFORMATION IT CONTAINS WILL NOT BE COPIED OR DISCLOSED TO OTHERS EXCEPT WITH THE WRITTEN CONSENT OF HARTZELL ENGINE TECHNOLOGIES, WILL NOT BE USED TO THE DETRIMENT OF HARTZELL ENGINE TECHNOLOGIES, AND WILL BE RETURNED UPON REQUEST BY HARTZELL ENGINE TECHNOLOGIES.

MATERIAL SEE INDIVIDUAL COMPONENTS		
SIZE	SH 1 OF 2	CODE ID
B		65PY1

AL24-FS60 INSTALLATION INSTRUCTIONS	
DRAWING NO.	REV.
10-7011	E

INSTALLATION AND MAINTENANCE INSTRUCTIONS ON SHEET 2



Part No. 10-7011

Installation Instructions

1. Disconnect aircraft battery.
2. Install alternator per included drawing.
3. Refer to appropriate engine and airframe service manuals for belt tension and bolt torques.
4. Install battery wire with MS25171-2S terminal nipple on 6mm output terminal and torque to 50 in. lb.
5. Install ground wire to any of the three 5mm studs on rear of alternator and torque to 35 in. lb. (If aircraft is equipped with an external alternator ground.)
6. Install field wire with MS25171-1S terminal nipple to F1 terminal on rear of alternator and torque to 20 in. lb.
7. Reconnect aircraft battery.
8. Start aircraft and check alternator output for proper operation. Consult aircraft maintenance manual for regulated voltage parameters.

Maintenance Instructions

Annual / 100 hour inspections:

1. Remove drive belt and turn alternator rotor to check condition of bearings for abnormal noise or roughness.

5 year or 1,000 hour intervals:

1. Repeat: Annual / 100 hour inspection.
2. Remove field brush assembly and inspect brushes for excess wear. Replace brush assembly if brushes extend less than .250" from edge of brush holder case.