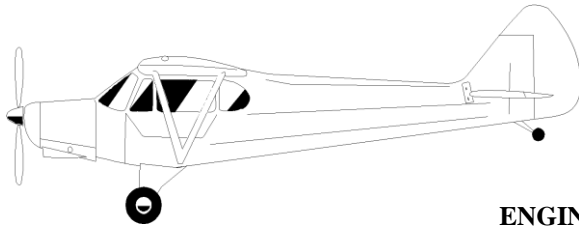


# BARRY CONTROLS



## APPLICATION SHEET



**FAA REPAIR STATION UT3R905L  
JAA JAR 145.10  
FAA-PMA PARTS MANUFACTURING APPROVED**

### ENGINE VIBRATION ISOLATORS TYPE 94016-02

**Barry Controls™ Aerospace** designs and manufactures engine vibration isolation systems to meet the exacting standards of the aircraft industry. These systems are designed to reduce the magnitude of vibration transmitted from the propeller/powerplant to the airframe. Isolation provides: reduced pilot fatigue, passenger comfort, and maximum protection of the aircraft structure and systems from the damaging effects of vibration. To maintain maximum performance and protection from the isolation system, replacement is recommended at each engine overhaul.



**Barry Controls™ Aerospace** has been granted Parts Manufacturers Approval (PMA) for vibration isolator type number 94016-02 for the aircraft listed below. Each engine vibration isolation system consists of four isolators. Each isolator consists of: two molded assemblies, a spacer, and an oversize OD washer. The spacer located between the two molded assemblies provides proper installation positioning and pre-compression.

### APPLICATIONS

AIRCRAFT MANUFACTURER	MODEL	POPULAR NAME	ENGINE(s)	ISOLATORS PER ENGINE	ISOLATORS PER AIRCRAFT
Extra	EA300 EA300/S EA300/L	Extra 300 Extra 300/S Extra 300/L Extra 300/LP Extra 300/LC Extra 300/LX	LYC AEIO-540-L1B5, -L1B5D LYC AEIO-540-L1B5, -L1B5D LYC AEIO-540-L1B5, -L1B5D, -580-B1A	4	4
	EA300/LC		LYC AEIO-580-B1A		
Maule	M-5-235-C	Lunar Rocket	LYC O-540-B4B5 LYC O-540-J1A5D LYC O-540-J3A5 LYC IO-540-W1A5 LYC IO-540-W1A5D	4	4
	M-6-235	Super Rocket	LYC O-540-B4B5 LYC O-540-J1A5D LYC O-540-J3A5 LYC IO-540-W1A5 LYC IO-540-W1A5D		
	M-7-235 M-7-235A M-7-235B M-7-235C M-7-260 M-7-260C M-8-235 MT-7-235 MT-7-260 MX-7-235				
Zlin	Z-242L		LYC AEIO-360-A1B6	4	4

**Barry Controls™ Aerospace** vibration isolators are sold as assemblies. The illustrated parts breakdown and part number list is provided as reference only. For additional information, applications assistance, and technical support, please contact our customer service department.

# APPLICATION SHEET

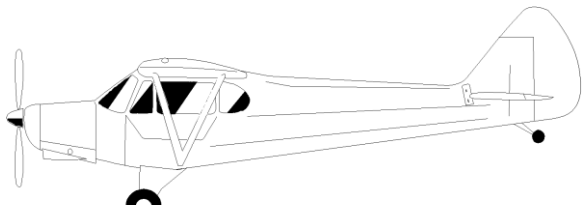
# BARRY CONTROLS



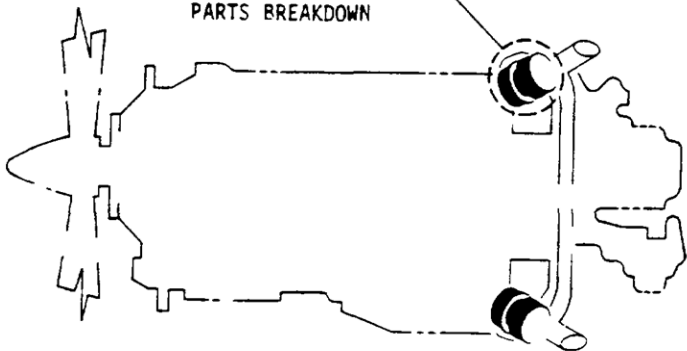
FAA REPAIR STATION UT3R905L

JAA JAR 145.10

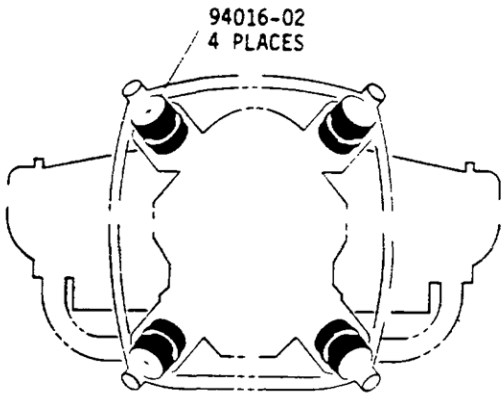
FAA-PMA PARTS MANUFACTURING APPROVED



SEE EXPLODED VIEW FOR  
PARTS BREAKDOWN

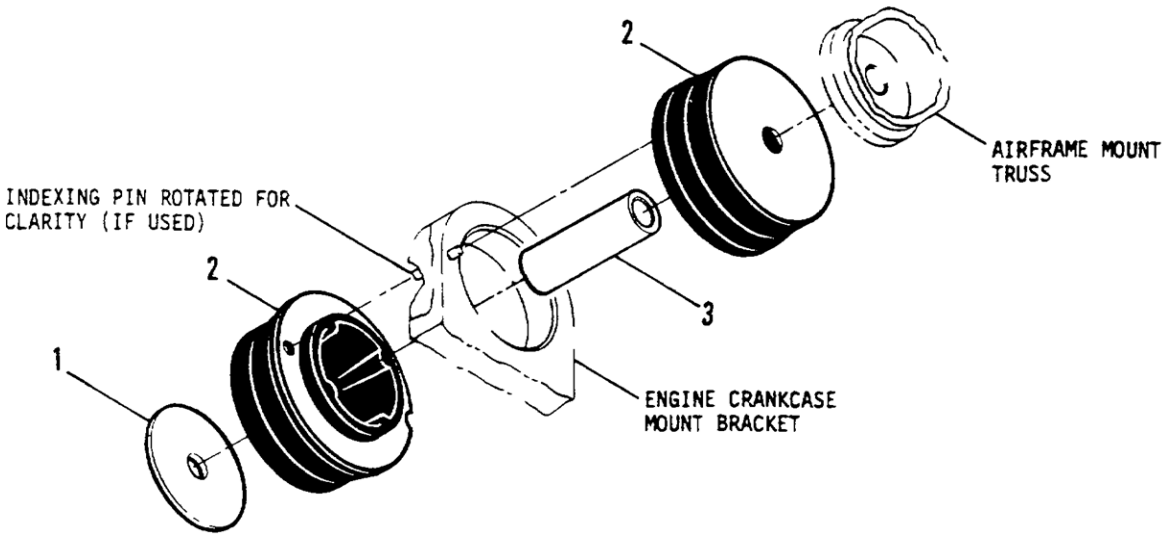


SIDE VIEW



94016-02  
4 PLACES

AFT VIEW



INDEXING PIN ROTATED FOR  
CLARITY (IF USED)

AIRFRAME MOUNT  
TRUSS

ENGINE CRANKCASE  
MOUNT BRACKET

ITEM	DESCRIPTION	PART NUMBER	UNITS PER ASSEMBLY
1	WASHER	98-9074-11	1
2	MOLDED ASSEMBLY	00-11901-12	2
3	SPACER	85-9217-05	1