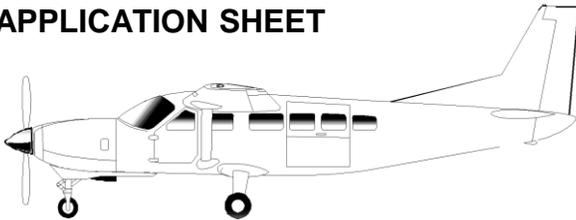


APPLICATION SHEET



**BARRY CONTROLS™**



FAA REPAIR STATION UT3R905L

JAA JAR 145.10

FAA-PMA PARTS MANUFACTURING APPROVED

**ENGINE VIBRATION ISOLATORS  
TYPE 94011-02**

**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 damaging vibration. To assure maximum protection and performance from the isolation system, replacement is recommended at each engine overhaul.

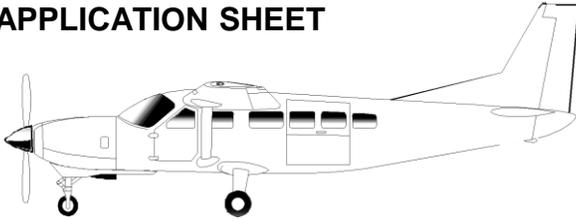
**Barry Controls™ Aerospace** has been granted Parts Manufacturer Approval (PMA) for engine vibration isolators type number 94011-02, 94011-03, and 94011-20 used in the aircraft listed below. One engine vibration isolation system consists of four isolators. Most installations use four 94011-02 isolators, some systems require two 94011-02 and two 94011-03 or two 94011-20 isolators as noted below and on installation drawings. Each isolator consists of two molded assemblies, a steel spacer and a large diameter washer.

**APPLICATIONS**

AIRCRAFT MANUFACTURER	AIRCRAFT MODEL	POPULAR NAME	ENGINE	ISOLATORS PER ENGINE	ISOLATORS PER AIRCRAFT	
AIR PLAINS	R182, TR182	CESSNA 182 540HP CONVERSION	LYC IO-540-K1A5	(4) 94011-02	(4) 94011-02	
BEECH	76	DUCHESS	LYC LO-360-A1G6D LYC O-360-A1G6D	(2) 94011-02 (2) 94011-20	(4) 94011-02 (4) 94011-20	
CESSNA	R182 T182 TR182 T303	SKYLANE RG  TURBO SKYLANE RG	LYC O-540-J3C5D LYC O-540-L3C5D LYC O-540-J3C5D TCM TSIO-520-AE or TCM LTSIO-520-AE	(4) 94011-02 (4) 94011-02 (4) 94011-02 (4) 94011-02	(4) 94011-02 (4) 94011-02 (4) 94011-02 (8) 94011-02	
EMBRAER	EMB-820		LYC TIO-540-J2BD or LYC LTIO-540-J2BD	(4) 94011-02	(4) 94011-02	
GULFSTREAM AEROSP	111  112 & 112B  112TC & 112TCA		LYC O-360-A4G or LYC O-360-A4G6 LYC O-360-C1D6  LYC TO-360-C1A6D	(2) 94011-02 (2) 94011-20 (2) 94011-02 (2) 94011-20 (2) 94011-02 (2) 94011-20	(2) 94011-02 (2) 94011-20 (2) 94011-02 (2) 94011-20 (2) 94011-02 (2) 94011-20	
HELIO	H-250	COURIER	LYC O-540-A1A5	(4) 94011-02	(4) 94011-02	
MOONEY	M20E M20F	CHAPARRAL EXECUTIVE	LYC IO-360-A1A LYC IO-360-A1A	(4) 94011-02 (4) 94011-02	(4) 94011-02 (4) 94011-02	
PIPER	PA-23-250	AZTEC F	LYC TIO-540-C1A or LYC IO-540-C1B5 or LYC IO-540-C4B5	(4) 94011-02	(8) 94011-02	
	PA-23-250T PA-28-140 SERNO 25000-71-25641 and 28-25000 and up PA-28-151	TURBO AZTEC F CHEROKEE CRUISER	LYC TIO-540-C1A LYC O-320-E2A	(4) 94011-02 (2) 94011-02 (2) 94011-20	(8) 94011-02 (2) 94011-02 (2) 94011-20	
	PA-28-161	CHEROKEE WARRIOR	LYC O-320-E3D	(2) 94011-02 (2) 94011-20	(2) 94011-02 (2) 94011-20	
	PA-28-236 PA-31	WARRIOR II  DAKOTA TURBO NAVAJO	LYC O-320-D3G or LYC O-320-D2A LYC O-540-J3A5D LYC TIO-540-A1A or LYC TIO-540-A1B or LYC TIO-540-A2B or LYC TIO-540-A2C	(2) 94011-02 (2) 94011-02 (2) 94011-20 (4) 94011-02 (4) 94011-02	(2) 94011-02 (2) 94011-20 (2) 94011-02 (4) 94011-02 (8) 94011-02	
	PA-31-325	NAVAJO C/R	LYC LTIO-540-F2BD or LYC TIO-540-F2BD	(4) 94011-02	(8) 94011-02	
	PA-31-350	CHIEFTAIN	LYC LTIO-540-J2BD or LYC TIO-540-J2BD	(4) 94011-02	(8) 94011-02	
	PA-32-301	SARATOGA	LYC IO-540-K1G5	(2) 94011-02	(2) 94011-02	
	PA-32R-301	SARATOGA SP	LYC IO-540-K1G5D	(2) 94011-03 (2) 94011-02 (2) 94011-03	(2) 94011-03 (2) 94011-02 (2) 94011-03	
	ZLIN	Z-143L		LYC AEIO-360-A1B6	(4) 94011-02	(4) 94011-02

**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™**

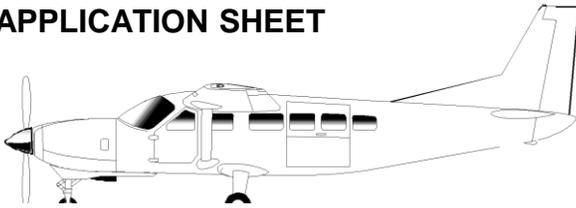


**FAA REPAIR STATION UT3R905L**

**JAA JAR 145.10**

**FAA-PMA PARTS MANUFACTURING APPROVED**

# APPLICATION SHEET



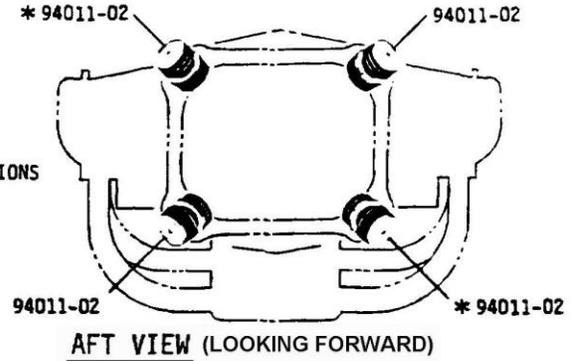
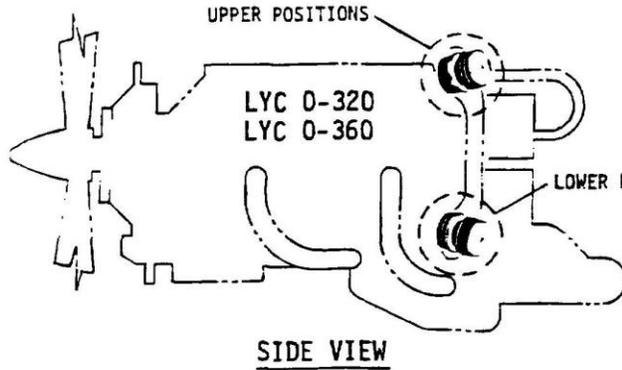
# BARRY CONTROLS™



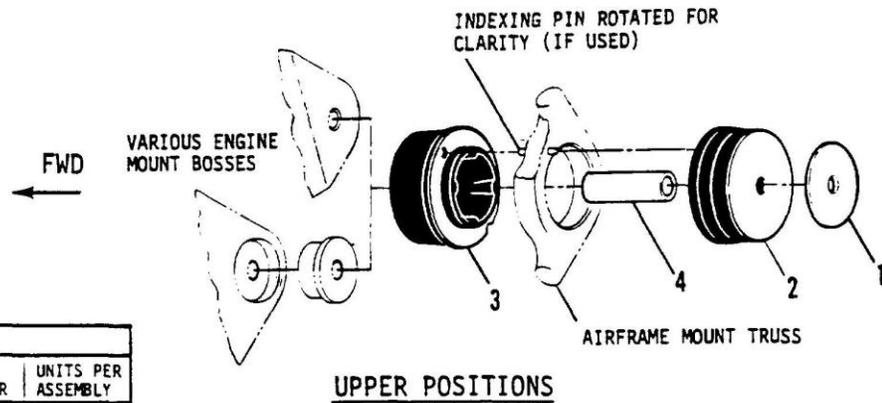
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JAA JAR 145.10

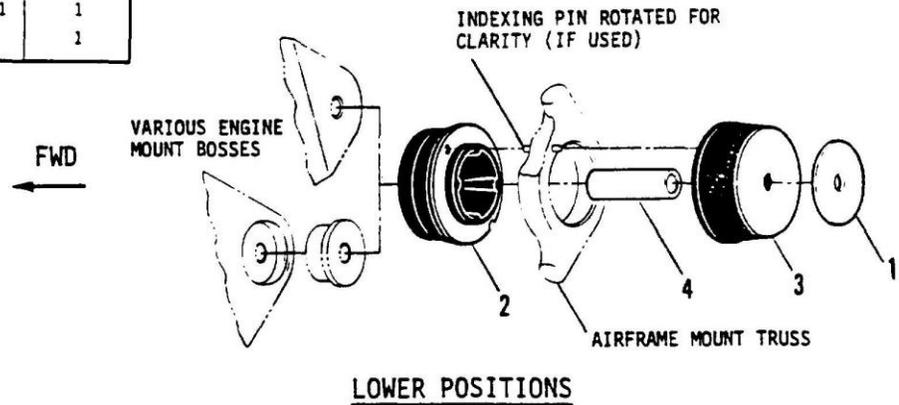
FAA-PMA PARTS MANUFACTURING APPROVED



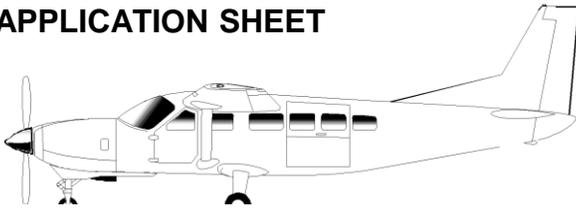
\* NOTE: WHEN 94011-02 AND 94011-20 ISOLATORS ARE USED TOGETHER, INSTALL 94011-20 AT THESE LOCATIONS.



TYPE 94011-02			
ITEM	DESCRIPTION	PART NUMBER	UNITS PER ASSEMBLY
1	WASHER	98-9074-11	1
2	MOLDED ASSEMBLY	00-11901-14	1
3	MOLDED ASSEMBLY	00-11900-11	1
4	SPACER	85-9217-02	1



**APPLICATION SHEET**



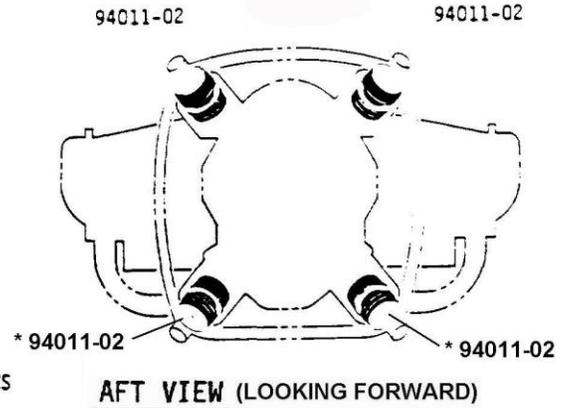
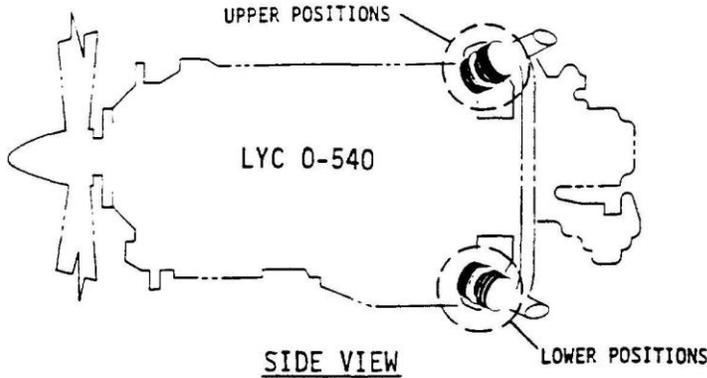
**BARRY CONTROLS™**



FAA REPAIR STATION UT3R905L

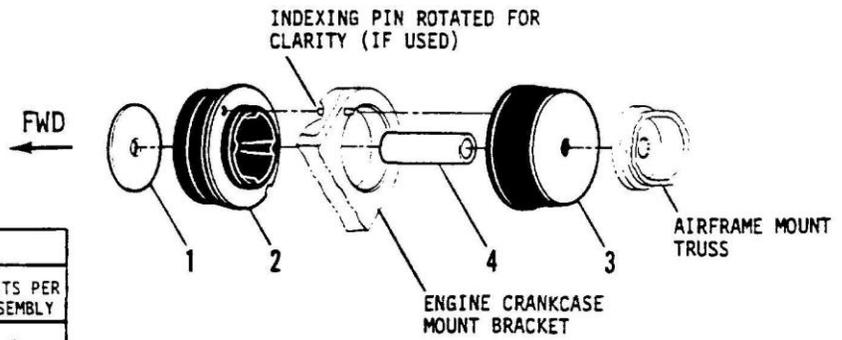
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FAA-PMA PARTS MANUFACTURING APPROVED

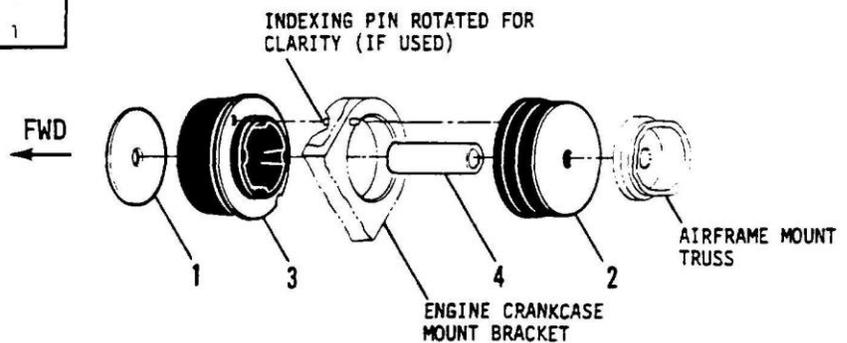


\* NOTE: WHEN 94011-02 & 94011-03 ISOLATORS ARE USED TOGETHER, INSTALL 94011-03 AT THESE LOCATIONS

TYPE 94011-02			
ITEM	DESCRIPTION	PART NUMBER	UNITS PER ASSEMBLY
1	WASHER	98-9074-11	1
2	MOLDED ASSEMBLY	00-11901-14	1
3	MOLDED ASSEMBLY	00-11900-11	1
4	SPACER	85-9217-02	1



**UPPER POSITIONS**



**LOWER POSITIONS**