



U.S. Department
of Transportation
**Federal Aviation
Administration**

Aviation Safety

2204 S. Tyler Rd
Wichita, KS 67209

December 14, 2018

Mr. Michael Voss
Project Engineer
Aerospace Turbine Rotables, Inc.
1919 E. Northern Street
Wichita, Kansas 67216

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Dear Mr. Voss:

In accordance with the provisions of Title 14 Code of Federal Regulations (14 CFR), part 21, Certification Procedures for Products and Parts, subpart K, the FAA has found that the design data, based on Test and Computation per 14 CFR § 21.303, as approved by the FAA Wichita Compliance & Airworthiness Division, ACO Branch, letters 7K0-18-13234 and 7K0-18-13249 meets the airworthiness requirements of the regulations applicable to the products on which the parts are to be installed. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted to for production of the replacement articles listed in the enclosed Supplement No. 43.

You are reminded that the provisions of 14 CFR, parts 21 and 45 noted in our PMA letter of approval dated December 7, 2009, also apply to the enclosed PMA Listing-Supplement No. 43. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the parts concerned.

Sincerely,

Neal R. Rice
Manager, Wichita MIDO Section

Enclosure:
PMA Listing-Supplement No. 43

cc: AIR-6C2



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Aerospace Turbine Rotables
1919 East Northern St.
Wichita, Kansas 67216

PMA No. PQ3736CE
Supplement No. 43
Date: December 14, 2018

Article Name	Article Number	Approved Replacement For Part Number	Approval Basis And Approved Design Data	Make Eligibility	Model Eligibility
Worm Wheel Gear	TR-A8404A3	Grimes A8404A3	Test and Computation per 14 CFR, § 21.303, <u>DWG No. TR-A8404A3</u> <u>Rev: -</u> <u>Date: Oct 1, 2018</u> Or later FAA approved revisions	Beech	F33A Serial No. CE-1014 and after, A36 Serial No. E-2065, E-2080 thru E-3635, except E-3630, G36, B36TC Serial No. EA-0358 and after, E55 Serial No. TE-0938, TE-0943 and after, E55A Serial No. TE-0938, TE-0943 and after, 58, 58A, G58, 60, A60, B60, 76 Serial No. ME-443 and after, C90A Serial No. LJ-1063 thru LJ-1137, 99, 99A, 99A (FACH), A99, A99A, B99, C99, 1900, 1900C Serial No. UB-1 thru UB-61
				Cessna	402C Serial No. 402C1001 thru 402C1020, 406, 414A Serial No. 414A1201 thru 414A1212, 421C Serial No. 421C1801 thru 421C1807, 425 Serial No. 425-0191 thru 425-0236, 441 Serial No. 441-0340 thru 441-0362, 500 Serial No. 500-0001 thru 500-0424 and 500-0468 and after, 501 Serial No. 501-0468 and after, 550 Serial No. 550-0002 thru 550-0505 and 550-0550 thru 550-0667, 551 Serial No. 551-0002 thru 551-0667, S550, 560 Serial No. 560-0001 thru 560-0101,
				Learjet	35, 35A (C-21A), 36, 36A
				M-7 Aerospace	SA227-TT, SA227-AT, SA227-AC (C-26A)

-----End of Listing-----

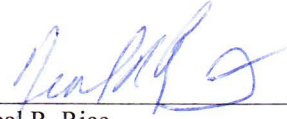
GENERAL NOTES:

Provide minor design changes in a manner as determined by the ACO. Process major design changes to drawings and specifications in the same manner as that for an original FAA-PMA.

The FAA accepted the ICA approach for the above articles with their designs. These ICA may refer to those of the respective articles from the holders of type certificates. Otherwise, provide supplemental ICA for differences in the replacement articles. Make referral statements or supplemental ICA readily available per 14 CFR 21.50.

for 

Margaret Kline
Manager, Wichita ACO Branch



Neal R. Rice
Manager Wichita MIDO Section