



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

Small Airplane Directorate
Manufacturing Inspection District Office
6020 28th Avenue South, Room 103
Minneapolis, Minnesota 55450-2700

December 28, 2015

Mr. Steve Kracke
F. Atlee Dodge Aircraft Services, LLC
6672 Wes Way
Anchorage, Alaska 99518

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Dear Mr. Kracke:

In accordance with the provisions of Title 14, Code of Federal Regulations (14 CFR), part 21, Certification Procedures for Products, Articles, and Parts, subpart K, the FAA has found that the design data, based on Test and Computations, the approval letter from the FAA Anchorage Aircraft Certification Office, dated December 23, 2015, with your request letter dated December 22, 2015, meet the airworthiness requirements of the regulations applicable to the products on which the articles are to be installed. Additionally, the FAA has determined that F. Atlee Dodge Aircraft Services, LLC has established the quality system required by § 21.307 at 6672 Wes Way, Anchorage, Alaska. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement articles listed in the enclosed Supplement No. 46, dated December 28, 2015.

You are reminded that the provisions of 14 CFR, parts 21 and 45, noted in our PMA letter of approval dated October 13, 2005, also apply to the enclosed PMA Listing-Supplement No. 46. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

A handwritten signature in blue ink, appearing to read "Timothy L. Bonderer". Below the signature, the initials "FOL" are written in blue ink.

Timothy L. Bonderer
Manager, Minneapolis MIDO

Enclosure: PMA Supplement No. 46



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

F. Atlee Dodge Aircraft Services, LLC.
6672 Wes Way
Anchorage, Alaska 99518

PMA No. PQ2509CE
Supplement No. 46
Dated: DEC 28 2015

Page 1 of 2

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility:	Model Eligibility:
Shaft	AD1460501-21	1460501-21	Test and Computations per 14 CFR § 21.303, <u>Dwg No:</u> AD1460501-21 <u>Rev:</u> None <u>Date:</u> 9/11/2013*	Textron Aviation, Inc. (Cessna)	150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, F150F, F150G, F150H, F150J, F150K, F150L, F150M, FA150K, FA150L, FA150M 172D, 172E, 172F, 172G, 172H, 172I, 172K, 172L, 172M, 172N, 172P, F172D, F172E, F172F, F172G, F172H, F172K, F172L, F172M, F172N, F172P, FP172D, P172D, 172RG, R172K, FR172E, FR172F, FR172G, FR172H, FR172J, FR172K 177, 177A, 177B 180F, 180G, 180H, 180J, 180K 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, 182R Turbo Skylane, R182, TR182, F182P, F182Q, FR182 185B, 185C, 185D, 185E, A185E, A185F 188, A188, 188A, A188A, 188B, A188B, T188C U206F, U206G 207, T207, 207A, T207A

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility:	Model Eligibility:
Shaft	AD1460501-21	1460501-21	Test and Computations per 14 CFR § 21.303, <u>Dwg No:</u> AD1460501-21 <u>Rev:</u> None <u>Date:</u> 9/11/2013*	Textron Aviation, Inc. (Cessna)	210-5(205), 210-5A(205A), 210C, 210D, 210E, 210F, 210G, 210H, 210J, 210/T210K, 210/T210L, 210/T210M, 210/T210N 336 337, 337A, 337B, 337C, 337D, 337E, 337F, 337G, 337H, T337B, T337C, T337D, T337E, T337F, T337G, T337H F337E, F337F, F337G, F337H, FT337E, FT337G, FT337HP, FT337GP


-----END OF LISTING-----

NOTE 1: (*) Denotes "or later FAA approved revisions"

NOTE 2: Provide minor design changes in a manner as determined by the ACO. Handle major design changes to drawings and specifications in the same manner as that for an original FAA-PMA.

NOTE 3: The FAA approved ICA for the above parts with their designs. These ICA may refer to those of the respective parts from the holders of type certificates. Otherwise, provide supplemental ICA for differences in the replacement parts. Make referral statements or supplemental ICA readily available per 14 CFR 21.50.


 August A. Asay
 Manager, Anchorage Aircraft Certification Office


 Timothy L. Bonderer
 Manager, Minneapolis MIDO