



U.S. Department
of Transportation

**Federal Aviation
Administration**

31-2

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Texas Aeroplastics
152 Boeing Way
Roanoke, Texas 76262-8830

PMA NO. PQ485SW
SUPPLEMENT NO. 31
DATE December 29, 2009

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Wing Tip – Left	20-51L-80A	0523565-29-791 0523565-201-791	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> 20-51-80A <u>Rev:</u> IR <u>Date:</u> 06/18/09 or later FAA-approved revisions	Cessna Aircraft Company	150K, 150L, 150M, A150K, A150L, A150M, F150K, F150L, F150M, FA150K, FA150L, FA150M, 152, A152, F152, FA152, 172K, 172L, F172H, F172K, F172L, 180H, 182N, A185E, U206E, P206D, P206E, 207, T207
Wing Tip – Right	20-51R-80A	0523565-30-791 0523565-200-791	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 20-51-80A <u>Rev:</u> IR <u>Date:</u> 06/18/09 or later FAA-approved revisions	Cessna Aircraft Company	150K, 150L, 150M, A150K, A150L, A150M, F150K, F150L, F150M, FA150K, FA150L, FA150M, 152, A152, F152, FA152, 172K, 172L, F172H, F172K, F172L, 180H, 182N, A185E, U206E, P206D, P206E, 207, T207

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

31-3

Texas Aeroplastics
152 Boeing Way
Moanoke, Texas 76262-8830

PMA NO. PQ485SW
SUPPLEMENT NO. 31
DATE December 29, 2009

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Wing tip - left	60-33L-4-80A	35115-00, 35115-10, 35641-00, 35641-10, 35641-12, 35641-14, 35641-18, 35641-20, 36739-02, 36739-04, 36739-06, 36739-08, 36739-10, 36739-18, 36739-22, 36739-38, 36739-42, 36739-44, 36739-46, 36739-52, 36739-53.	Test and Computations per 14 CFR § 21.303 DWG No: 60-33-80A Rev: IR Date: 07/03/09 or later FAA-approved revisions	Piper Aircraft, Inc.	PA-28-151, PA-28-161, PA-28-181, PA-28R-201, PA-28R-201T, PA-28RT-201, PA-28RT-201T, PA-28-236, PA-32R-301, PA-32R-301T
Wing tip - left	60-33L-6-80A	35115-00, 35115-10, 35641-00, 35641-10, 35641-12, 35641-14, 35641-18, 35641-20, 36739-02, 36739-04, 36739-06, 36739-08, 36739-10, 36739-18, 36739-22, 36739-38, 36739-42, 36739-44, 36739-46, 36739-52, 36739-53.	Test and Computations per 14 CFR § 21.303 DWG No: 60-33-80A Rev: IR Date: 07/03/09 or later FAA-approved revisions	Piper Aircraft, Inc.	PA-28-151, PA-28-161, PA-28-181, PA-28R-201, PA-28R-201T, PA-28RT-201, PA-28RT-201T, PA-28-236, PA-32R-301, PA-32R-301T
Wing tip- right	60-33R-4-80A	35115-01, 35115-11, 35641-01, 35641-11, 35641-13, 35641-15, 35641-19, 35641-21, 36739-03, 36739-05, 36739-07, 36739-09, 36739-11, 36739-19, 36739-23, 36739-39, 36739-43, 36739-45, 36739-47, 36739-54, 36739-55.	Test and Computations per 14 CFR § 21.303 DWG No: 60-33-80A Rev: IR Date: 07/03/09 or later FAA-approved revisions	Piper Aircraft, Inc.	PA-28-151, PA-28-161, PA-28-181, PA-28R-201, PA-28R-201T, PA-28RT-201, PA-28RT-201T, PA-28-236, PA-32R-301, PA-32R-301T
Wing tip- right	60-33R-6-80A	35115-01, 35115-11, 35641-01, 35641-11, 35641-13, 35641-15, 35641-19, 35641-21, 36739-03, 36739-05, 36739-07, 36739-09, 36739-11, 36739-19, 36739-23, 36739-39, 36739-43, 36739-45, 36739-47, 36739-54, 36739-55.	Test and Computations per 14 CFR § 21.303 DWG No: 60-33-80A Rev: IR Date: 07/03/09 or later FAA-approved revisions	Piper Aircraft, Inc.	PA-28-151, PA-28-161, PA-28-181, PA-28R-201, PA-28R-201T, PA-28RT-201, PA-28RT-201T, PA-28-236, PA-32R-301, PA-32R-301T

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SUPPLEMENT NO. 31
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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Tip – Vertical Fin	28-0531006-33-80A	0531006-33-791	Test and Computations per 14 CFR § 21.303 DWG No: 28-0531006-33-80A Rev: IR Date: 06/02/09 or later FAA-approved revisions	Cessna Aircraft Company	172A, 172B, 172C, 172D, 172E, 172F, 172G, 172H, 172I, P172D, F172D, F172E, F172F, F172G, F172H
Tip – Rudder	28-0531006-34-80A	0531006-34-791	Test and Computations per 14 CFR § 21.303 DWG No: 28-0531006-34-80A Rev: IR Date: 06/02/09 or later FAA-approved revisions	Cessna Aircraft Company	172A, 172B, 172C, 172D, 172E, 172F, 172G, 172H, 172I, P172D, F172D, F172E, F172F, F172G, F172H
Tip – Vertical Fin	28-0531009-1-80A	0531009-1	Test and Computations per 14 CFR § 21.303 DWG No: 28-0531009-1-80A Rev: IR Date: 06/02/09 or later FAA-approved revisions	Cessna Aircraft Company	172H, 172I, F172H

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

NOTE:

- 1) 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.
- 2) 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.



Bruce E. Cain
Manager, Manufacturing Inspection District Office
SW MIDO-42