



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

**Aircraft Certification Service
System Oversight Division**
Seattle MIDO Section
1601 Lind Avenue S.W.
Renton, WA 98057

February 9, 2018

Lamar Technologies, LLC
Attn: Mr. Roger Hall
14900 40th Ave. NE
Marysville, WA 98271

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Dear Mr. Hall:

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 Federal Aviation Administration (FAA) has found that the design data, based on Test and Computations with your letter dated December 22, 2017, 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 Lamar Technologies, LLC has established the quality system required by § 21.307 at 14900 40th Ave. NE, Marysville, WA. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement articles listed in the enclosed Supplement No. 11.

You are reminded that the provisions of 14 CFR, Parts 21 and 45, apply to the enclosed PMA Listing-Supplement No. 11. 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 that reads "Aaron Kathman".

Aaron Kathman
Aviation Safety Inspector,
Seattle MIDO Section

Enclosure



FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Lamar Technologies, LLC
14900 40TH AVE. N.E.
Marysville, WA 98271

PMA NO. PQ2242NM
SUPPLEMENT NO. 11
DATE February 9, 2018

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis & Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Solenoid Contactor – Battery Master	STS-M12	SAS-4201-1	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Alexandria Aircraft	17-30A, 17-31A, 17-31ATC
Solenoid Contactor – Battery Master	STS-S12	SAS-4201-1	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Alexandria Aircraft	17-30A, 17-31A, 17-31ATC
Solenoid Contactor – Battery Master	STS-M12	0411021-1	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Textron Aviation Inc.	170A, 170B, 190, 195
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A12	0411021-1	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Textron Aviation Inc.	170A, 170B, 190, 195

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis & Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Solenoid Contactor – Battery Master	STS-M12	0712603-1	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Textron Aviation Inc.	170B, 210, 210A
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A12	0712603-1	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Textron Aviation Inc.	170B, 210, 210A
Solenoid Contactor – Battery Master	STS-M12	0712603-2	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Textron Aviation Inc.	150, 150A, 150B, 150C, 150D, 150E, 172, 172A, 172B, 172C, 172D, 172E, 172F, 175, 175A, 175B, 175C, 180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 185, 185A, 185B, 185C, 185D, 210-5 (205), 210-5A (205A), 206, U206, P206, 210B, 210C, 210D, 210E, 210F
				Cessna	CESSNA F172D, CESSNA F172E, CESSNA F172F

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis & Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A12	0712603-2	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Textron Aviation Inc.	150, 150A, 150B, 150C, 150D, 150E, 172, 172A, 172B, 172C, 172D, 172E, 172F, 175, 175A, 175B, 175C, 180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 185, 185A, 185B, 185C, 185D, 210-5 (205), 210-5A (205A), 206, U206, P206, 210B, 210C, 210D, 210E, 210F
				Cessna	CESSNA F172D, CESSNA F172E, CESSNA F172F
Solenoid Contactor – Battery Master	STS-M12	S1579-1	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Textron Aviation Inc.	150F, 150G, 150H, 150J, 150K, 150L, A150K, A150L, 172G, 172H, 177, 177A, 177B, 180H, 180J, 182J, 182K, 182L, 182M, 182N, 182P, 185E, A185E, U206A, P206A, U206B, P206B, U206C, P206C, U206D, P206D, U206E, P206E, TU206A, TP206A, TU206B, TP206B, TU206C, TP206C, TU206D, TP206D, TU206E, TP206E, 210G, T210G, 210H, T210H, 210J, T210J
				Cessna	F150F, F150G, F150H, F150J, F150K, F150L, FA150K, FA150L, CESSNA F172G, CESSNA F172H, CESSNA F172K

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis & Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A12	S1579-1	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Textron Aviation Inc.	150F, 150G, 150H, 150J, 150K, 150L, A150K, A150L, 172G, 172H, 177, 177A, 177B, 180H, 180J, 182J, 182K, 182L, 182M, 182N, 182P, 185E, A185E, U206A, P206A, U206B, P206B, U206C, P206C, U206D, P206D, U206E, P206E, TU206A, TP206A, TU206B, TP206B, TU206C, TP206C, TU206D, TP206D, TU206E, TP206E, 210G, T210G, 210H, T210H, 210J, T210J
				Cessna	F150F, F150G, F150H, F150J, F150K, F150L, FA150K, FA150L, CESSNA F172G, CESSNA F172H, CESSNA F172K,
Solenoid Contactor – Battery Master	STS-M12	S1579-2	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Textron Aviation Inc.	150L, 150M, A150L, A150M, 172I, 172K, 172L, 172M, 172N, 172P, 172Q, R172K, 177RG, 180J, 180K, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 185E, A185E, A185F, 188, A188, 188A, A188A, 188B, A188B, U206F, TU206F, 210K, T210K
				Cessna	F150L, F150M, FA150L, FA150M, CESSNA F172L, CESSNA F172M, CESSNA F172N, CESSNA F177RG, Cessna F182P, Cessna F182Q

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis & Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A12	S1579-2	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Textron Aviation Inc.	150L, 150M, A150L, A150M, 172I, 172K, 172L, 172M, 172N, 172P, 172Q, R172K, 177RG, 180J, 180K, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 185E, A185E, A185F, 188, A188, 188A, A188A, 188B, A188B, U206F, TU206F, 210K, T210K
				Cessna	F150L, F150M, FA150L, FA150M, CESSNA F172L, CESSNA F172M, CESSNA F172N, CESSNA F177RG, Cessna F182P, Cessna F182Q
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A12	S1660-1	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Textron Aviation Inc.	172D, 172E, 172F, 172G, 172H, 172I, 172K, 172L, 172M, 172N, R172K, 177, 177A, 177B, 177RG, 180H, 180J, 180K, 182K, 182L, 182M, 182N, 182P, 182Q, A185E, A185F, 206, U206, P206, U206A, P206A, U206B, P206B, U206C, P206C, U206D, P206D, U206E, P206E, TU206A, TU206B, TU206C, TU206D, TU206E, TP206A, TP206B, TP206C, TP206D, TP206E, U206F, TU206F, 207, T207, 210G, T210G, 210H, T210H, 210J, T210J, 210K, T210K
				Cessna	CESSNA F172H, CESSNA F172K, CESSNA F172L, CESSNA F172M, CESSNA F172N, Cessna F182P, Cessna F182Q

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis & Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Solenoid Contactor - Starter	STS-S12	S1660-1 AS STARTER	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Textron Aviation Inc.	150J, 172D, 172E, 172F, 172G, 172H, 172I, 172K
Solenoid Contactor - Starter	STS-S12	S1660-1	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Textron Aviation Inc.	180F, 180G, 180H, 185, 185A, 185B, 185C, 185D, 185E, 210-5 (205), 210-5A (205A), 206, U206, P206, U206A, P206A, TU206A
Solenoid Contactor - Starter	STS-S12	S1991-1	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Textron Aviation Inc.	150J, 150K, 150L, 150M, A150K, A150L, A150M, 172K, 172L, 172M, 172N, R172K, 177RG, 182E, 182N, 182P, 182Q, 188, A188, 188A, A188A, 188B, A188B, U206D, U206E, TP206D, TP206E, U206F, TU206F, 207, T207, 210K, T210K
				Cessna	F150K, F150L, F150M, FA150K, FA150L, FA150M, CESSNA F172L, CESSNA F172M, CESSNA F172N, Cessna FR172K, Cessna F182P, Cessna F182Q
Solenoid Contactor - Starter	STS-S12	SAW4206-1	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Cessna	CESSNA F172D, CESSNA F172E, CESSNA F172G, CESSNA F172H

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis & Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Solenoid Contactor - Starter	STS-S12	SAW4204-1	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Cessna	CESSNA F172D, CESSNA F172E, CESSNA F172G, CESSNA F172H
Solenoid Contactor - Starter	STS-S12	S1673-1	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Textron Aviation Inc.	177, 177A, 177B, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, A185E, 188, A188, U206B, TU206B, TP206B, U206C, TU206C, TP206C, U206D, TP206D, 207, T207
TSolenoid Contactor – Battery Master	STS-M24	S1578-1	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Textron Aviation Inc.	337, 337A, 337B, T337B, 337C, T337C, 337D, T337D, 337E, T337E, 337F, T337F
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A24	S1578-1	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Cessna	F 337E, FT337E, F 337F, FT337F
Solenoid Contactor – Battery Master	STS-M24	S1580-1	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Textron Aviation Inc.	337, 337A, 337B, T337B, 337C, T337C, 337D, T337D, 337E, T337E, 337F, T337F
				Cessna	F152, FA152, CESSNA F172N, Cessna F182Q, F337G

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis & Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A24	S1580-1	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Textron Aviation Inc.	152, A152, 172N, R172, 180K, A185F, 182Q, 188, A188, 188A, A188A, 188B, A188B, TU206E, U206F, TU206F, 207, T207, 210L, T210L, 337G
				Cessna	F152, FA152, CESSNA F172N, Cessna F182Q, F337G
Solenoid Contactor – Battery Master	STS-M24	S2475-1	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Textron Aviation Inc.	152, A152, 172P, 180K, 182R, A185F
				Cessna	F152, FA152, CESSNA F172P
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A24	S2475-1	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Textron Aviation Inc.	152, A152, 172P, 180K, 182R, A185F
				Cessna	F152, FA152, CESSNA F172P
Solenoid Contactor – Battery Master	STS-M24	S2475-1	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Textron Aviation Inc.	172P, 172Q, 180K, A185F, 182R
				Cessna	CESSNA F172P
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A24	S2475-1	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Textron Aviation Inc.	172P, 172Q, 180K, A185F, 182R
				Cessna	CESSNA F172P

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis & Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Solenoid Contactor – Battery Master	STS-M24	S2475-2	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Textron Aviation Inc.	152, A152, 172P, 172Q, R172K, 180K, 182R, A185F, 210N, T210N, 210R, T210R
				Cessna	F152, FA152, CESSNA F172P
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A24	S2475-2	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Textron Aviation Inc.	152, A152, 172P, 172Q, R172K, 180K, 182R, A185F, 210N, T210N, 210R, T210R
				Cessna	F152, FA152, CESSNA F172P
Solenoid Contactor – Battery Master	STS-M24	S2475-2 AS AUX POWER	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Textron Aviation Inc.	180K, A185F
Solenoid Contactor - Starter	STS-S24	S1577-1 AS STARTER	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Textron Aviation Inc.	152, A152, 172N, 180K, A185F, 182Q, , 188, A188, 188A, A188A, 188B, A188B, U206E, TU206E, U206F, TU206F, 207, T207, 210L, T210L, 337, 337A, 337B, T337B, 337C, T337C, 337D, T337D, 337E, T337E, 337F, T337F, 337G
				Cessna	F152, FA152, CESSNA F172N, Cessna F182Q, F 337E, FT337E, F 337F, FT337F, F 337G

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis & Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Solenoid Contactor - Starter	STS-S24	S1577-1 AS AUX POWER	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Textron Aviation Inc.	172N, 182Q, 182R, U206E, TU206E, U206F, TU206F, 207, T207, 210L, T210L, 337B, T337B, 337C, T337C, 337D, T337D, 337E, T337E, 337F, T337F, 337G,
				Cessna	Cessna F182Q, F 337E, FT337E, F 337F, FT337F, F 337G
Solenoid Contactor - Starter	STS-S24	S2443-1	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Textron Aviation Inc.	152, A152, 172N, 172P, 172Q, 182Q, 182R, 210N, T210N, 210R, T210R
				Cessna	F152, FA152, CESSNA F172N, CESSNA F172P
Solenoid Contactor - Starter	STS-S24	S2443-2	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Textron Aviation Inc.	152, A152, 172N, 172P, 172Q, 182Q, 182R, 210N, T210N, 210R, T210R
				Cessna	F152, FA152, CESSNA F172N, CESSNA F172P
Solenoid Contactor - Starter	STS-S12	63122 Prestolite SAN4204	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Commander	112
Solenoid Contactor - Starter	STS-S12	SAZ4201E-1	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Commander	112, 112B, 112TC, 112TCA, 114, 114A

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis & Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Solenoid Contactor - Starter	STS-S24	SAZ4401	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Commander	114B, 114TC
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A12	71-311222	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Commander	112, 112B, 112TC, 112TCA, 114, 114A
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A12	71-311222-5	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Commander	112, 112B, 112TC, 112TCA, 114, 114A
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A24	70-907	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Commander	114B, 114TC
Solenoid Contactor – Battery Master	STS-M12	62551 RBM Controls	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Commander	112
Solenoid Contactor – Battery Master	STS-M12	7111224	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Commander	112

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis & Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A12	62551 RBM Controls	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Commander	112
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A12	7111224	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Commander	112
Solenoid Contactor – Battery Master	STS-M12	48296-9	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Commander	112, 112B, 112TC, 112TCA, 114, 114A
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A12	48296-9	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Commander	112, 112B, 112TC, 112TCA, 114, 114A
Solenoid Contactor – Battery Master	STS-M24	70-911	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Commander	114B, 114TC
Solenoid Contactor – Battery Master	STS-M24	70-907	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Commander	114B, 114TC

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis & Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A24	70-911	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Commander	114B, 114TC
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A24	70-907	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Commander	114B, 114TC
Solenoid Contactor - Starter	STS-S12	Prestolite SAW4217-1	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	True Flight Holdings LLC	AA-1, AA-1A, AA-5
Solenoid Contactor - Starter	STS-S12	Prestolite SAW4204-1	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	True Flight Holdings LLC	AA-1A, AA-1B, AA-5, AA-5A, AA-5B
Solenoid Contactor – Battery Master	STS-M24	70-903	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	True Flight Holdings LLC	AG-5B
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A24	70-903	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	True Flight Holdings LLC	AG-5B

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis & Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Solenoid Contactor - Starter	STS-S24	70-915	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	True Flight Holdings LLC	AG-5B
Solenoid Contactor – Battery Master	STS-M12	6041H187	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Textron Aviation	35-33, 35-A33, 35-B33, 35-C33, 35-C33A, E33, E33A, F33, F33A, F33C, G33, H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A12	6041H187	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Textron Aviation	35-33, 35-A33, 35-B33, 35-C33, 35-C33A, E33, E33A, F33, F33A, F33C, G33, H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B
Solenoid Contactor – Battery Master	STS-M12	6041H105	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Textron Aviation	35, A35, B35, C35, D35, E35, F35, G35
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A12	6041H105	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Textron Aviation	35, A35, B35, C35, D35, E35, F35, G35
Solenoid Contactor - Starter	STS-S12	SAW4204	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Textron Aviation	V35B

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis & Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Solenoid Contactor - Starter	STS-S12	1464	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Textron Aviation	35, A35, B35
Solenoid Contactor - Starter	STS-S12	1453	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Textron Aviation	C35, D35, E35, F35, G35
Solenoid Contactor - Starter	STS-S12	1114213	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Textron Aviation	35-33, 35-A33, 35-B33, 35-C33, 35-C33A, E33, E33A, H35, J35, K35, M35, N35, P35, S35, V35, V35A
Solenoid Contactor - Starter	STS-S12	36-3008-1	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Textron Aviation	F33C
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A12	70-111224-5	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Textron Aviation	F33C
Solenoid Contactor – Battery Master	STS-M24	6041H189	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Textron Aviation	F33A, F33C, V35B, 95-55, 95-A55, 95-B55, 95-C55, D55, E55, 58, 36, A36, A36TC, B36TC

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis & Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A24	6041H189	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Textron Aviation	F33A, F33C, V35B, 95-55, 95-A55, 95-B55, 95-C55, D55, E55, 58, 36, A36, A36TC, B36TC
Solenoid Contactor – Auxiliary Power or Battery Master	STS-S24	6041H190	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Textron Aviation	F33A, F33C, V35B, 95-55, 95-A55, 95-B55, 95-C55, D55, E55, 58, 36, A36, A36TC, B36TC
Solenoid Contactor – Battery Master	STS-M12	71-111221-5	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Maule	M-4-180S, M-4-180C, M-4-180V, M-4-210, M-4-220, M-4-220C, M-5-180C, M-5-200, M-5-210C, M-5-210TC, M-5-220C, M-5-235C, M-6-180, M-6-235, M-7-235, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MT-7-235, MT-7-260, MXT-7-160, MXT-7-180, MXT-7-180A

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis & Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Solenoid Contactor – Battery Master	STS-M12	RBM-2295-7	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017</u> or later FAA-approved revisions.	Maule	M-4-180S, M-4-180C, M-4-180V, M-4-210, M-4-220, M-4-220C, M-5-180C, M-5-200, M-5-210C, M-5-210TC, M-5-220C, M-5-235C, M-6-180, M-6-235, M-7-235, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MT-7-235, MT-7-260, MXT-7-160, MXT-7-180, MXT-7-180A
Solenoid Contactor – Battery Master	STS-M12	1114213	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017</u> or later FAA-approved revisions.	Maule	M-4-180S, M-4-180C, M-4-180V, M-4-210, M-4-220, M-4-220C, M-5-180C, M-5-200, M-5-210C, M-5-210TC, M-5-220C, M-5-235C, M-6-180, M-6-235, M-7-235, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MT-7-235, MT-7-260, MXT-7-160, MXT-7-180, MXT-7-180A

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis & Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A12	71-111221-5	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017</u> or later FAA-approved revisions.	Maule	M-4-180S, M-4-180C, M-4-180V, M-4-210, M-4-220, M-4-220C, M-5-180C, M-5-200, M-5-210C, M-5-210TC, M-5-220C, M-5-235C, M-6-180, M-6-235, M-7-235, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MT-7-235, MT-7-260, MXT-7-160, MXT-7-180, MXT-7-180A
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A12	RBM-2295-7	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017</u> or later FAA-approved revisions.	Maule	M-4-180S, M-4-180C, M-4-180V, M-4-210, M-4-220, M-4-220C, M-5-180C, M-5-200, M-5-210C, M-5-210TC, M-5-220C, M-5-235C, M-6-180, M-6-235, M-7-235, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MT-7-235, MT-7-260, MXT-7-160, MXT-7-180, MXT-7-180A

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis & Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A12	1114213	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Maule	M-4-180S, M-4-180C, M-4-180V, M-4-210, M-4-220, M-4-220C, M-5-180C, M-5-200, M-5-210C, M-5-210TC, M-5-220C, M-5-235C, M-6-180, M-6-235, M-7-235, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MT-7-235, MT-7-260, MXT-7-160, MXT-7-180, MXT-7-180A
Solenoid Contactor - Starter	STS-S12	70-112225-5	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Maule	M-4-180S, M-4-180C, M-4-180V, M-4-210, M-4-220, M-4-220C, MX-7-160, MX-7-160C, MX-7-180A, MX-7-180B, MX-7-180C, MT-7-260, MT-7-235, MXT-7-160, MXT-7-180, MXT-7-180A, MX-7-180AC
Solenoid Contactor - Starter	STS-S12	1118823	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Maule	M-4-180S, M-4-180C, M-4-180V, M-4-210, M-4-220, M-4-220C, MX-7-160, MX-7-160C, MX-7-180A, MX-7-180B, MX-7-180C, MT-7-260, MT-7-235, MXT-7-160, MXT-7-180, MXT-7-180A, MX-7-180AC
Solenoid Contactor - Starter	STS-S12	SAW 4201	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Maule	M-4-180S, M-4-180C, M-4-180V, M-4-210, M-4-220, M-4-220C, MX-7-160, MX-7-160C, MX-7-180A, MX-7-180B, MX-7-180C, MT-7-260, MT-7-235, MXT-7-160, MXT-7-180, MXT-7-180A, MX-7-180AC

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis & Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Solenoid Contactor - Starter	STS-S12	SAW 4203	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017</u> or later FAA-approved revisions.	Maule	M-4-180S, M-4-180C, M-4-180V, M-4-210, M-4-220, M-4-220C, MX-7-160, MX-7-160C, MX-7-180A, MX-7-180B, MX-7-180C, MT-7-260, MT-7-235, MXT-7-160, MXT-7-180, MXT-7-180A, MX-7-180AC
Solenoid Contactor - Starter	STS-S12	SAW 4204	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017</u> or later FAA-approved revisions.	Maule	M-4-180S, M-4-180C, M-4-180V, M-4-210, M-4-220, M-4-220C, MX-7-160, MX-7-160C, MX-7-180A, MX-7-180B, MX-7-180C, MT-7-260, MT-7-235, MXT-7-160, MXT-7-180, MXT-7-180A, MX-7-180AC
Solenoid Contactor - Starter	STS-S12	70-112225-5	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017</u> or later FAA-approved revisions.	Maule	M-7-235, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-70-180AC, MX-7-235, MT-7-235, MT-7-260, MXT-7-160, MXT-7-180, MXT-7-180A
Solenoid Contactor - Starter	STS-S12	SAZ-4201E	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017</u> or later FAA-approved revisions.	Maule	M-7-235, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-70-180AC, MX-7-235, MT-7-235, MT-7-260, MXT-7-160, MXT-7-180, MXT-7-180A
Solenoid Contactor - Starter	STS-S12	70-112225-5	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017</u> or later FAA-approved revisions.	Maule	M-5-180S, M-5-200, M-5-220C, M-5-235C, M-6-180, M-6-235

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis & Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Solenoid Contactor - Starter	STS-S12	SAW 4204	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Maule	M-5-210C, M-5-210TC
Solenoid Contactor - Starter	STS-S12	DR 1114213	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Maule	M-4-210
Solenoid Contactor - Starter	STS-S12	DR 1118823	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Maule	M-4-210
Solenoid Contactor - Battery Master	STS-M24	71-117226-5	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Maule	M-6-180, M-6-235, M-7-235, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-235, MXT-7-160, MXT-7-180, MXT-7-180A
Solenoid Contactor - Auxiliary Power or Battery Master	STS-A24	71-117226-5	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Maule	M-6-180, M-6-235, M-7-235, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-235, MXT-7-160, MXT-7-180, MXT-7-180A
Solenoid Contactor - Starter	STS-S24	70-118225-5	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Maule	M-6-180, M-6-235, M-7-235, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-235, MXT-7-160, MXT-7-180, MXT-7-180A

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis & Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Solenoid Contactor – Battery Master	STS-M12	6041H231	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Mooney	M20C, M20D, M20E, M20F
Solenoid Contactor - Starter	STS-S12	#001464	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Mooney	M20C, M20D, M20E
Solenoid Contactor - Starter	STS-S12	#001466	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Mooney	M20F
Solenoid Contactor – Battery Master	STS-M12	6041H231	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Mooney	M20J
Solenoid Contactor – Battery Master	STS-M12	6041H105A	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Mooney	M20K
Solenoid Contactor – Battery Master	STS-M12	24059	Test and Computations per 14 CFR 21.303, <u>DWG No:</u> 80000 <u>Rev:</u> D <u>Date:</u> 12/22/2017 or later FAA-approved revisions.	Mooney	M20K

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis & Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A12	24059	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Mooney	M20J, M20K
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A12	6041H105A	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Mooney	M20J, M20K
Solenoid Contactor – Starter	STS-S12	24059	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Mooney	M20K
Solenoid Contactor – Starter	STS-S12	6041H105A	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Mooney	M20K
Solenoid Contactor - Starter	STS-S12	SAZ-4201E	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Mooney	M20J
Solenoid Contactor - Starter	STS-S12	SAZ-9201A-1	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Mooney	M20J

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis & Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Solenoid Contactor - Starter	STS-S12	6041H105A	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Mooney	M20J
Solenoid Contactor – Battery Master	STS-M24	6041H202	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Mooney	M20J, M20K, M20M, M20R, M20S
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A24	6041H202	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Mooney	M20M, M20R, M20S
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A24	6041H202A	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Mooney	M20J, M20K
Solenoid Contactor - Starter	STS-S24	6041H202	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Mooney	M20J, M20K, M20M
Solenoid Contactor - Starter	STS-S24	6041H202A	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Mooney	M20J, M20K, M20M

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis & Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Solenoid Contactor – Starter	STS-S12	487 149 (001464)	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017</u> or later FAA-approved revisions.	Piper Aircraft, Inc	PA-23-235, PA-23-250
Solenoid Contactor – Starter	STS-S12	99130-02 (487 169)	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017</u> or later FAA-approved revisions.	Piper Aircraft, Inc	PA-24, PA-24-250, PA-24-260, PA-28-140, PA-28-150, PA-28-160, PA-28-180, PA-28-235, PA-28S-160, PA-28S-180, PA-28R-180, PA-28R-200, PA-28-151, PA-28R-201, PA-28R-201T, PA-28RT-201, PA-28RT-201T, PA-32-301, PA-32-301T, PA-32R-301, PA-32R-301T, PA-32RT-300, PA-34-200, PA-34-200T, PA-38-112, PA-44-180, PA-44-180T
Solenoid Contactor – Starter	STS-M12	484 373 (24059)	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017</u> or later FAA-approved revisions.	Piper Aircraft, Inc	PA-23-235, PA-23-250, PA-24, PA-24-250, PA-24-260, PA-28-140, PA-28-150, PA-28-151, PA-28-160, PA-28-180, PA-28-235, PA-28R-180, PA-28R-201, PA-28R-201T, PA-28RT-201, PA-28RT-201T, PA-32-301, PA-32-301T, PA-32R-301, PA-32R-301T, PA-32RT-300, PA-34-200, PA-34-200T, PA-38-112, PA-44-180, PA-44-180T

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis & Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A12	484 373 (24059)	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Piper Aircraft, Inc	PA-23-235, PA-23-250, PA-24, PA-24-250, PA-24-260, PA-28-140, PA-28-150, PA-28-151, PA-28-160, PA-28-180, PA-28-235, PA-28R-180, PA-28R-201, PA-28R-201T, PA-28RT-201, PA-28RT-201T, PA-32-301, PA-32-301T, PA-32R-301, PA-32R-301T, PA-32RT-300, PA-34-200, PA-34-200T, PA-38-112, PA-44-180, PA-44-180T
Solenoid Contactor - Starter	STS-S24	487 152 (001 466)	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Piper Aircraft, Inc	PA-23-235, PA-23-250, PA-31, PA-31-300, PA-31-325
Solenoid Contactor - Starter	STS-S24	2698-008 (584-420)	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Piper Aircraft, Inc	PA-34-220T
Solenoid Contactor - Starter	STS-S24	26898-03	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Piper	PA-46-310P, PA-46-350P
Solenoid Contactor – Battery Master	STS-M24	487 167 (26898-05)	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Piper Aircraft, Inc Piper	PA-23-235, PA-23-250, PA-31, PA-31-300, PA-31-325, PA-31-350, PA-34-220T, PA-46-310P, PA-46-350P

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis & Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A24	487 167 (26898-05)	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Piper Aircraft, Inc Piper	PA-23-235, PA-23-250, PA-31, PA-31-300, PA-31-325, PA-31-350, PA-34-220T PA-46-310P, PA-46-350P
Solenoid Contactor - Starter	STS-S24	NOR7.369-1	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Vulcanair S.p.A	P.68, P.68B, P.68C, P.68C-TC, P.68 “Observer”, P.68 “Observer 2”, P.68R
Solenoid Contactor – Battery Master	STS-M24	NOR7-369-2	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Vulcanair S.p.A	P.68, P.68B, P.68C, P.68C-TC, P.68 “Observer”, P.68 “Observer 2”, P.68R
Solenoid Contactor – Auxiliary Power or Battery Master	STS-A24	NOR7-369-2	Test and Computations per 14 CFR 21.303, <u>DWG No: 80000</u> <u>Rev: D</u> <u>Date: 12/22/2017 or later</u> FAA-approved revisions.	Vulcanair S.p.A	P.68, P.68B, P.68C, P.68C-TC, P.68 “Observer”, P.68 “Observer 2”, P.68R

-----**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.

On File

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