

SERVICE KIT

SK172-147

DESCRIPTION

The following procedures provide instructions to add a channel to each forward cabin doorpost bulkhead.

APPROVAL

FAA approval has been obtained on technical data in this publication that affects airplane type design.

For Reims Aviation airplanes: DGAC approval has been obtained on technical data in this publication that affects airplane type design.

REFERENCE

SEB95-19

CHANGE IN WEIGHT AND BALANCE

MODEL	172, F172, R172, FR172, 172RG
ARM	26 inches
WEIGHT INCREASE	0.56 pounds
RESULTANT MOMENT	14.56 in./lbs.
MOMENT/1000	.015

MATERIAL INFORMATION

PART NUMBER	QUANTITY	DESCRIPTION
SK172-147	1	Kit, consisting of the following parts:
MS20470AD5-9	10	Rivet
MS21042L4	6	Nut
NAS1149F0463P	12	Washer
NAS464P4A20	6	Bolt
0718003-5	1	Channel Assembly-LH
0718003-6	1	Channel Assembly-RH
	1	Instructions

SERVICE KIT

SK182-115

CHANGE IN WEIGHT AND BALANCE

MODEL	182/T182, A182, F182, R182/TR182, FR182
WEIGHT INCREASE	1.6 Pounds
RESULTANT ARM	26.87 Inches
RESULTANT MOMENT	43.0 Inch-Pounds
MOMENT/1000	0.043

MATERIAL INFORMATION

PART NUMBER	QUANTITY	DESCRIPTION
SK182-115	1	Kit, consisting of the following parts:
HL18PB5-8	4	Pin
HL70-5	4	Collar
MS20426AD3-4	72	Rivet
MS20470AD5-8	20	Rivet
MS21042L3	2	Nut
MS21042L4	8	Nut
MS27039-0805	36	Screw
NAS1149F0383P	2	Washer
NAS1149F0463P	10	Washer
NAS464P3A8	2	Bolt
NAS464P4A16	2	Bolt
NAS464P4A20	6	Bolt
NAS680A08	36	Nutplate
S2906-4-2	34	Rivet
S2906-4-4	10	Rivet
S2906-5-5	6	Rivet
0718003-1	1	Channel Assembly-LH
0718003-2	1	Channel Assembly-RH
0791207-2	2	Cover
0791207-3	2	Cover
1211903-3	1	Doubler-LH
1211903-4	1	Doubler-RH
	1	Instructions

MS20470AD5-12

20 Rivet

SERVICE KIT

SK206-42D

CHANGE IN WEIGHT AND BALANCE

MODEL 210-5 (205), 206, U206/TU206, P206/TP206
WEIGHT INCREASE 1.3 pounds
ARM 28.50 inches
RESULTANT MOMENT 37.0 inch/pounds
MOMENT/1000 0.037

MATERIAL INFORMATION

The parts below cover installation for one airplane.

NEW P/N	QUANTITY	DESCRIPTION	OLD P/N	DISPOSITION
SK206-42D	1	Kit, consisting of the following parts:		
HL18PB6-9	10	Pin - Hi-Lok	N/A	Install
HL70-6	10	Collar - Hi-Lok	N/A	Install
MS20426AD3-4	64	Rivet	N/A	Install
MS20426AD4-3	6	Rivet	N/A	Install
MS20470AD5-11	6	Rivet	N/A	Install
MS20470AD5-9	12	Rivet	N/A	Install
MS21042L4	8	Nut	N/A	Install
MS27039-0805	32	Screw	N/A	Install
NAS1149F0463P	8	Washer	N/A	Install
NAS464P4A18	2	Bolt	N/A	Install
NAS464P4A20	6	Bolt	N/A	Install
MS21047L08	32	Nutplate	N/A	Install
1211902-3	1	Channel - LH	N/A	Install
1211902-4	1	Channel - RH	N/A	Install
1211903-1	1	Doubler - LH	N/A	Install
1211903-2	1	Doubler - RH	N/A	Install
1211904-1	2	Cover	N/A	Install
SK206-42D	1	Instructions	N/A	Install

SERVICE KIT

SK207-19A

MATERIAL INFORMATION

The parts below cover installation for one airplane.

NEW P/N	QUANTITY	DESCRIPTION	OLD P/N	DISPOSITION
SK207-19A	1	Kit, consisting of the following parts:		
AN3-5A	4	Bolt	N/A	Install
AN3-6A	4	Bolt	N/A	Install
HL18PB6-9	10	Pin - Hi-Lok	N/A	Install
HL70-6	10	Collar - Hi-Lok	N/A	Install
MS20426AD3-4	72	Rivet	N/A	Install
MS20426AD4-3	8	Rivet	N/A	Install
MS20470AD5-11	6	Rivet	N/A	Install
MS20470AD5-9	12	Rivet	N/A	Install
MS21042L4	8	Nut	N/A	Install
MS21044N3	2	Nut	N/A	Install
MS27039-0805	32	Screw	N/A	Install
NAS1149F0332P	2	Washer	N/A	Install
NAS1149F0463P	8	Washer	N/A	Install
NAS464P4A18	2	Bolt	N/A	Install
NAS464P4A20	6	Bolt	N/A	Install
MS21047L08	32	Nutplate	N/A	Install
NAS682A3	4	Nutplate	N/A	Install
S1924-1	2	Nut	N/A	Install
S1925-1	2	Washer	N/A	Install
1211902-3	1	Channel - LH	N/A	Install Left Side
1211902-4	1	Channel - RH	N/A	Install Right Side
1211903-1	1	Doubler - LH	N/A	Install Left Side
1211903-2	1	Doubler - RH	N/A	Install Right Side
1211904-1	2	Cover	N/A	Install
1291382-5	1	Angle Assembly- LH	N/A	Install Left Side Becomes 129382-5 Assy after nutplates installed on 1213300-1 Angle

SERVICE KIT

SK210-156

MATERIAL INFORMATION

PART NUMBER	QUANTITY	DESCRIPTION
SK210-156	1	Kit, consisting of the following parts:
HL18PB6-7	10	Pin
HL70-6	10	Collar
MS20470AD4-3	6	Rivet
MS20470AD5-7	8	Rivet
MS20470AD5-8	12	Rivet
MS20470AD5-10	10	Rivet
MS20426AD3-4	64	Rivet
MS20426AD4-3	6	Rivet
MS21042L4	8	Nut
MS27039-0805	32	Screw
NAS1149F0463P	8	Washer
NAS464P4A14	2	Bolt
NAS464P4A20	6	Bolt
MS21047L08	32	Nutplate
NAS682A08	4	Nutplate
0718003-1	1	Channel Assembly-LH
0718003-2	1	Channel Assembly-RH
1211903-1	1	Doubler-LH
1211903-2	1	Doubler-RH
1211904-1	2	Cover
1213806-2	2	Doubler
	1	Instructions

ACCOMPLISHMENT INSTRUCTIONS

1. Disconnect all electrical power from the airplane. Attach maintenance warning tags to the battery connector and external power receptacle stating:

WARNING: DO NOT CONNECT ELECTRICAL POWER — MAINTENANCE IN PROGRESS.

2. Prepare to drain fuel from the airplane by observing all safety precautions.

WARNING: REMOVE ALL IGNITION SOURCES. OBSERVE ALL FUEL SYSTEM FIRE AND SAFETY PRACTICES.

3. Drain the fuel from the airplane. (Refer to the airplane service manual.)
4. If applicable, pull the hinge pins and remove the cabin doors. Retain all parts for reinstallation.
5. Remove and retain the pilot and copilot seats from the airplane. (Refer to the airplane service manual.)
6. Remove and retain the upholstery and heater ducts from both sides, at the bottom of the forward left and right doorposts. (Refer to the airplane service manual.)