IMMEDIATE ACTION

SERVICE BULLETIN

NUMBER 75

December 15, 1945
Rev. Date: 2-20-46

SUBJECT: Carburetor Heat Control

MODELS AFFECTED: J3 Series Airplanes with Carburetor Heat Control on Instrument Panel.
Serial Nos. 1999 to 6247 incl., 6249, 6250, 6255, 6256, 6265, 6272, 6274, 6275, 6278, 6284, 6287, 6290, 6291, 6292, 6295, 6296, 6297, 6305 and 6321.

It has been brought to our attention by the C. A. A. that several complaints have been received from owners of J3 airplanes as to the inaccessibility of the heat control on the instrument panel. In order to make this control more readily accessible for a pilot flying solo in the rear seat the following changes may be made:

Detach carburetor heat control from carburetor.

Remove carburetor heat control cable from upper side of instrument panel.

Remove lower enclosure door.

Remove enough fabric around front lower cluster of door opening to allow welding of carburetor heat control box bracket in place.

Weld carburetor heat control box bracket assembly to fuselage members as per Sketch 1.

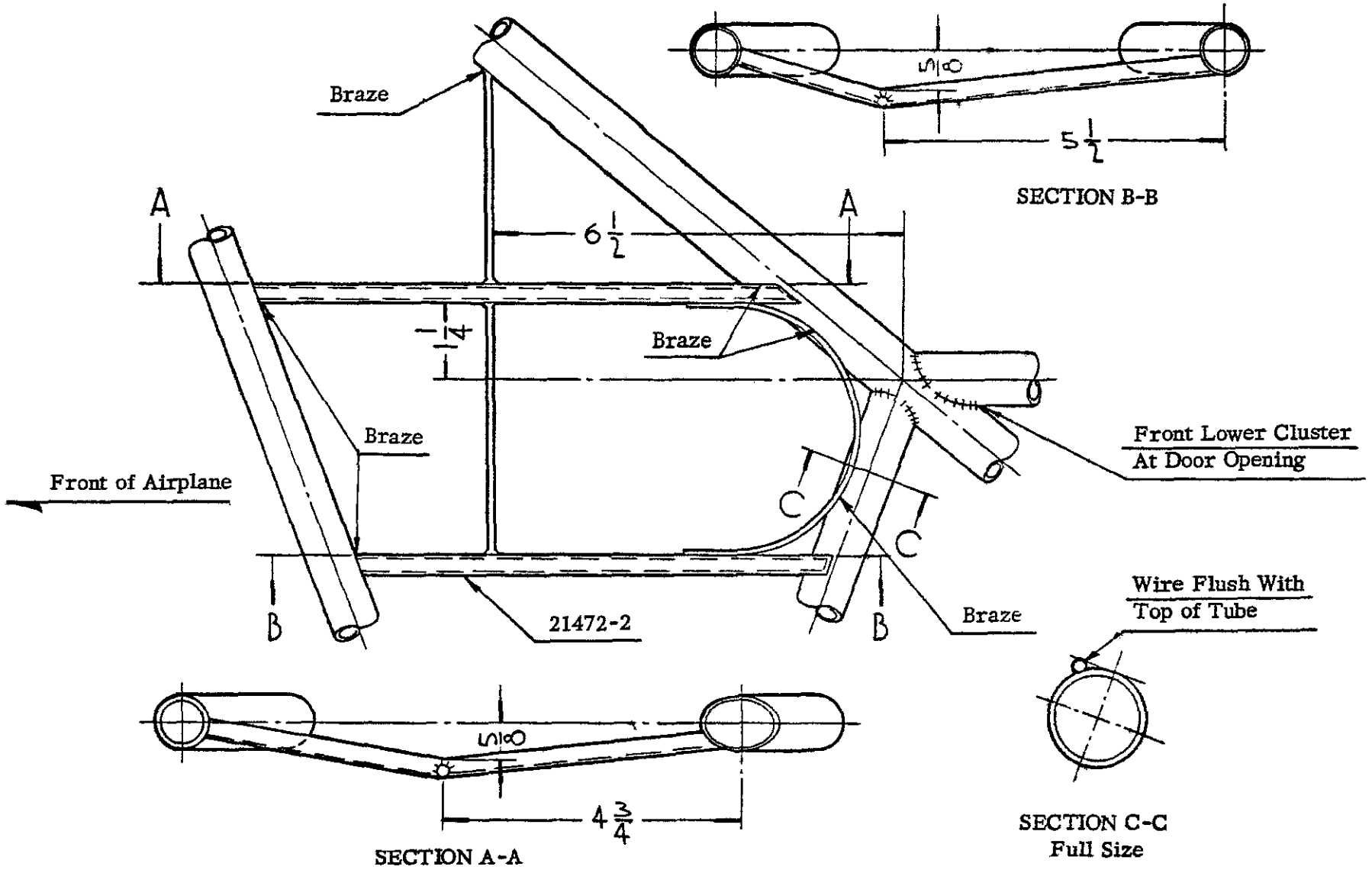
Install carburetor heat control box assembly as per Sketch 2.

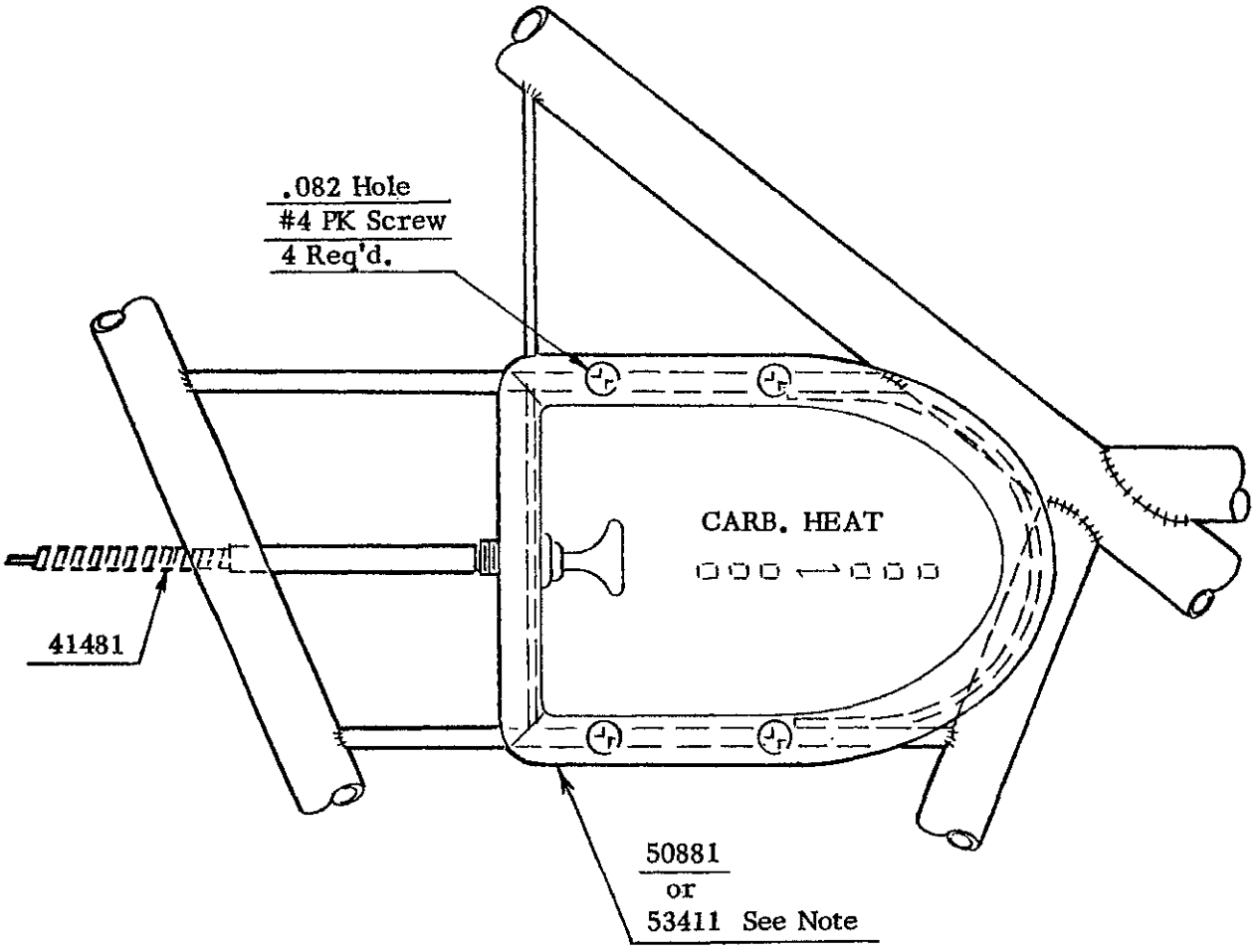
Run cable from carburetor heat control box firewall on right side then over the left side of carburetor and attach to carburetor.

NUMBER 75

The following items will be necessary for this change:

Part No.	Nomenclature	Quantity
41481	Cable Assembly - Control	1
50881 or 53411	Box - Carburetor Heat Control (See Sketch No. 2)	1
21472-2	Bracket Assembly - Carburetor Heat Control Box	1
No. 4	1/4" long type "A" Stove Heat P.K. Screw	4
	Dope - Clear	1 qt.
	Fabric	2 yds.-42"
	Dope - Pigmented	1/2 pt.


Braze
A
A
6 1/2
1 1/4
Braze
Braze
Front of Airplane
C
C
B
B
21472-2
Braze
Front Lower Cluster
At Door Opening
Wire Flush With
Top of Tube
5/100
5 1/2
SECTION B-B
5/100
4 3/4
SECTION A-A
SECTION C-C
Full Size



Front of Airplane

Note:
53411 Used on Airplanes With Carb. Air Filter.
50881 Used on Airplanes Without Carb. Air Filter.

SKETCH #2