F S - 4112

FORM ACA-2417 (7-56) U.S. DEPARTMENT OF COMMERCE CIVIL AERONAUTICS ADMINISTRATION

Form Approved, Budget Bureau No. 41-R1823

SUPPLEMENTAL TYPE CERTIFICATE

INSTRUCTIONS - Submit in triplicate to local CAA Aviation Safety Agent. Copy will be returned to applicant upon issuance.

1. NAME AND ADDRESS OF APPLICANT

Aircraft Tank Service Inc.
10201 Cohasset St.
Burbank, Calif.

2. SUPPLEMENTAL TYPE CERTIFICATE APPLIED FOR:

[X] AIRCRAFT [ ] ENGINE [ ] PROPELLER

ORIGINAL MODEL DESIGNATION
DC-3 Series DOUGLAS

NEW MODEL DESIGNATION *(If desired)*

3. DESCRIPTION OF CHANGE

Installation of outer wing integral fuel tank including fuel system and fuel dumping provisions.

See Reverse Side (Placards)

4a. WILL DATA BE AVAILABLE FOR SALE OR RELEASE TO OTHER PERSONS? [X] YES [ ] NO

b. WILL PARTS BE MANUFACTURED FOR SALE *(Ref. CAR 1.55)*? [X] YES [ ] NO

5. SIGNATURE AND TITLE OF APPLICANT

M E Fuller
SIGNATURE

Jan. 7, 1957
DATE OF APPLICATION

Ass't. General Manager
TITLE

6. TO BE COMPLETED BY CAA

NATURE AND LOCATION OF DATA

Modifications made in accordance with Aircraft Tank Service Inc. Drawing No. 1839. Technical data on file in Aircraft Engineering Division, FAA Region IV, Los Angeles, California.

ORIGINAL TYPE CERTIFICATE NO.
618-669

SUPPLEMENTAL TYPE CERTIFICATE NO.
SA4-159

DATE OF APPROVAL
1-9-57
Revised 12-20-60

CAA APPROVAL

Charles R. Hawks Original signed by Russe L. Lippis
SIGNATURE

Chief, Engineering and Manufacturing Branch
TITLE

Fuel Capacity	Total (1100 Gal.)	Usable (1095 Gal.)	ARM
2 outer wing tanks	550 Gal. each	547 1/2 Gal. each	+74.1 in.

Note 1

The following must be in the airplane in clear view of the pilot in the form of placards and/or incorporated in the Airplane Flight Manual.

(1) "Fuel capacity 550 gallons per tank"

(2) "Load fuel symmetrically about centerline"

(3) "Unusable Fuel - 2.5 gallons per tank"

(4) "Take-off and land - both tanks 'on' - cross feed 'off' "

(5) "Cross feed operation - cross feed 'on' - inoperative tank 'off'"

(6) "Fuel dumping -
Airspeed 120 knots (138 MPH) indicated
Flaps and gear up
Dumping rate '30 gallons, 180#/min (approx) per tank'
Close dump valves after dumping
Undumpable fuel '60 gallons per tank'"