

Form LA-134  
11/22/55

U. S. Department of Commerce Civil Aeronautics Administration  Supplemental Type Certificate		Instructions: This application to be submitted in triplicate. Information for items 1 thru 5 to be supplied by the applicant.
		Date <b>July 30, 1956</b>
1. Name of Applicant  <b>AIRCRAFT TANK SERVICE INC.</b>	2. Address <b>10201 Cohasset Street Burbank, California</b>	
3. Supplemental Type Certificate Applied For:		
<input checked="" type="checkbox"/> Aircraft <input type="checkbox"/> Engine <input type="checkbox"/> Propeller <input type="checkbox"/> Appliance		
4. Original Model Designation  <b>DC-3 Series</b> New Model Designation (if desired)		
5. Description of Change  Installation of outer wing integral fuel tank including fuel system and fuel dumping provisions and center section baggage compartments, per drawings listed on Aircraft Tank Service Inc. summary drawings 1813A and 1836A. (Use actual weight of installation.)  (SEE REVERSE SIDE THIS PAGE)		
TO BE COMPLETED BY CAA		
6. Nature and Location of Data  Technical data on file in CAA Region IV Office, Los Angeles 45, California.		
Original Type Certificate No.  <b>A-618 and A-669</b>	APPROVED:  <i>James M. Alton</i>  Chief, Aircraft Engineering Division	
Supplemental Type Certificate No.  <b>SA4-94</b>		
Date of Approval  <b>August 17, 1956</b>		

<u>Fuel Capacity</u>	<u>Total (1100 Gal.)</u>	<u>Usable (1095 Gal.)</u>	<u>ARM</u>
2 outer wing tanks	550 Gal. each	547½ Gal. each	± 74.1 in.

Baggage Capacity

- 2 fwd. baggage compt. in C.S. wing (450# each) 900# ± 48.0 in.  
 2 rear baggage compt. in C.S. wing (450# each) 900# ± 83.5 in.

Note 1. Installation of outer wing fuel tanks cannot be made without incorporating the center section baggage compartment installation per Drawing 1836A.

Note 2.

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'"

Note 3.

The following placard must be installed on each of the four baggage compartments:

"Maximum capacity, baggage and installed equipment 450 lbs."