

Supplemental Type Certificate

Number SA261AL

This certificate, issued to Airglas Engineering Co., Inc.
P. O. Box 6107
Anchorage, Alaska 99502

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 4a of the Civil Air Regulations.

Original Product — Type Certificate Number: 759
Make: Champion
Model: 7GCBC and TECA

Description of Type Design Change:

Installation of Airglas Engineering Model L2000 and L1650A wheel replacement skis per revision "B" of Airglas Drawing 2000-7S dated November 22, 1968.

Limitations and Conditions:

This installation is limited to those aircraft fitted with spring steel main gear.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Agency.

Date of application: November 15, 1967

Date revised: November 22, 1968

Date of issuance: November 29, 1967

Date amended: June 21, 1968



By direction of the Administrator

Robert W. Stephens
ROBERT W. STEPHENS, Chief
Engineering & Manufacturing Branch
Alaskan Region

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.

SUPPLEMENT TO FAA APPROVED
AIRPLANE FLIGHT MANUAL

FAA Identification

Champion - 790AC, 7ECA

Serial No. _____

This supplement must be attached to FAA Approved Flight Manual when Lances-Airglas model L-1600A or L2000A Main Skis are installed.

PERFORMANCE INFORMATION SECTION.

Take-off: Under the most favorable conditions of smooth packed snow at temperatures approximating 32°, the ski-plane take-off distance is approximately 10 percent greater than that shown for the landplane.

Landing: Under the most favorable conditions of smooth packed snow at temperatures approximating 32°, the ski-plane landing distance is approximately 20 percent greater than that shown for the landplane.

NOTE: In estimating distances for other conditions, caution should be exercised in the other temperatures or other snow conditions may either decrease or increase these distances.

Date: November 29, 1967

FAA APPROVED

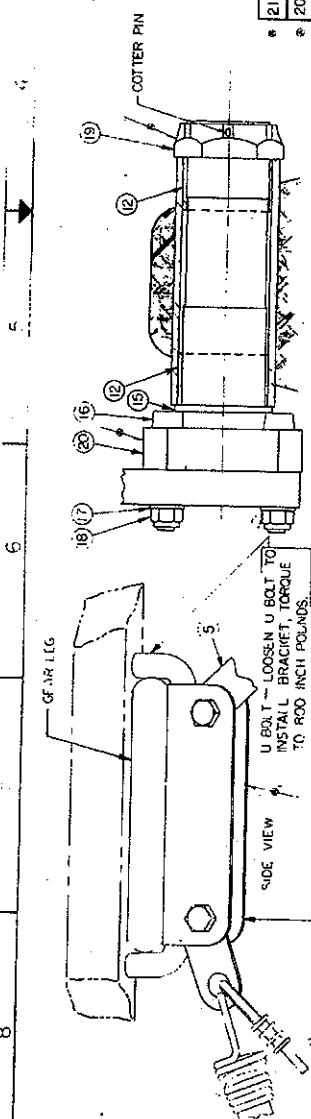
R.W. Stephens

Chief, Engineering and Manufacturing Branch Alaskan Region

REV	DESCRIPTION	DATE	APPROVED
A	INITIAL DESIGN	10/15/50	[Signature]
B	ADD ZECAL DISPLACEMENT FROM 1/16" TO 1/8" (AXLE)	10/15/50	[Signature]
C	BLACK ANGLE IRON BRACKET	10/15/50	[Signature]

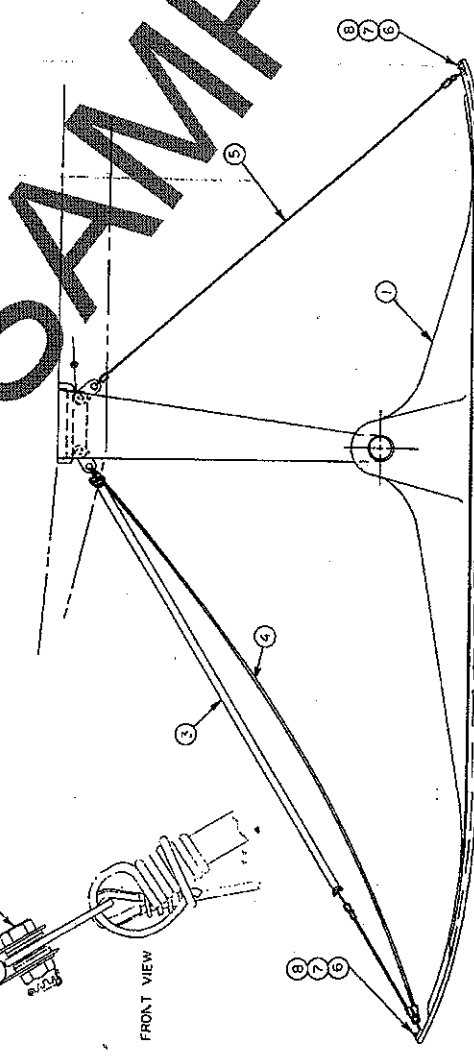
NO	QTY	PART NO.	DESCRIPTION	STOCK SIZE	MAT'L	MAT'L SPEC	FINISH	UNIT
21	4	L2000-756-6	TUBE					
20	2	L2000-756-5	AXLE					
19	2	MS21025-24	NUT					
18	8	AN365-824	NUT					
17	8	AN960-516	WASHER					
16	8	MS145-30	BOLT					
15	2	AN960-1616-39	WASHER					
14	2	L2000-756-4	BRACKET					
13	20	AN960-616	WASHER					
12	4	H-767 SPL	FRZ BEARING					
11	4	AN6-11	BOLT					
10	4	ANSIO-6	NUT					
9	4	AN880-3-3	COTTER PIN					
8	8	AN260-416	WASHER					
7	8	AN365-428	NUT					
6	8	AN4-6A	BOLT					
5	2	L2000-756-3	CHECK CABLE ASSY 38 3/4 THIMBLE TO THIMBLE					
4	2	L2000-756-2	SAFETY CABLE ASSY 52 1/2 THIMBLE TO THIMBLE					
3	2	L2000-756-1	BUYER ASSY					
2	1	L1650-1	RIGHT SKI					
1	1	L1650-2	LEFT SKI					
	1	L1650-3	SKI KIT					
	1	L1650-4	SKI KIT					
	2	L2000A-2	RIGHT SKI					
	1	L2000A-1	LEFT SKI					
	1	L2000-756	SKI KIT					

NO	QTY	PART NO.	DESCRIPTION	STOCK SIZE	MAT'L	MAT'L SPEC	FINISH	UNIT
1	1	L2000-756	SKI KIT					
2	1	L2000A-2	RIGHT SKI					
1	1	L2000A-1	LEFT SKI					



SKI INSTALLED ON AXLE
FULL SIZE
BRAKE AND BRAKE LINE MUST
BE INSTALLED FOR SKI OPERATION.

BRACKET INSTALLATION
FULL SIZE



LEFT SKI

NOTE: OLDER AIRGLAS MODEL L1650A SKI IS
IDENTICAL TO MODEL L1650A AND QUALIFIES
FOR ALL STRUCTURAL RATINGS OF THE L1650A.

INSTALLATION PER STC SA231A1

- INSTALLATION NOTES:
1. LIFT AIRCRAFT
 2. REMOVE WIRELS AND AXLES.
 3. INSTALL AXLES (20) AND SKIS PER DRAWING
 4. INSTALL BRACKET PER DRAWING
 5. INSTALL PARTS 3, 4, 5
 6. LOWER AIRCRAFT
 7. FILL OUT FAA FORM 337.
 8. ENTER MODIFICATION IN AIRCRAFT REPAIR LOG
 9. COMPUTE NEW WEIGHT AND BALANCE