# DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

A16EA Revision 16

True Flight Holdings LLC AA-5, AA-5A, AA-5B AG-5B

December 12, 2013

## TYPE CERTIFICATE DATA SHEET NO. A16EA

This data sheet, which is a part of Type Certificate No. A16EA, prescribes conditions and limitations under which the product for which the type certificate was issued meets the airworthiness requirements of the Federal Aviation Regulations.

Type Certificate Holder: True Flight Holdings LLC

2300 Madison Highway Valdosta, GA 31601

Type Certificate Holder Record: American Aviation Corporation transferred TC A16EA to

Grumman American Aviation Corportation on February 27, 1973

Grumman American Aviation Corporation transferred TC A16EA to

Gulfstream American Corporation on September 1, 1978

Gulfstream American Corporation transferred TC A16EA to Gulfstream Aerospace Corporation on November 15, 1982

Gulfstream Aerospace Corporation transferred TC A16EA to American General Aircraft Corporation on October 29, 1992

American General Aircraft Corporation transferred TC A16EA to American General Aircraft Holding Company, Inc. on August 23, 1993

American General Aircraft Holding Corporation, Inc. transferred TC A16EA

to Tiger Aircraft LLC on March 22, 2000

Tiger Aircraft LLC transferred TC A16EA to True Flight Holdings LLC on August 31,

2007

## I. - Model AA5, Traveler, 4 PCLM, Utility Category, approved November 12, 1971; Normal Category, approved November 12, 1971

Engine One each Lycoming O-320-E2G (Carburetor MA-4 SPA with settings 10-5062 or

10-5009.) (Type Certificate Number E-274)

<u>Fuel</u> 80/87 minimum grade aviation gasoline

Engine Limits For all operations, 2700 rpm (150 hp)

Propeller and Propeller Limits 1. McCauley Model 1C172, Type Certificate Number P-910, (either 1C172/BTM7359

fixed pitch propeller with B-4381 spacer (aluminum) or 1C172/SBTM7359 fixed

pitch propeller with B-4425 spacer (steel).

(Note: When steel spacer is installed, an "S" will be stamped in front of the BTM

on the propeller hub by the airframe manufacturer.)

Static rpm at maximum permissible throttle setting; not over 2375; not under

2250. No additional tolerance permitted. Diameter: not over 73 inches, not under

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- 71.5 inches. No additional tolerance permitted.
- McCauley Model 1C172, Type Certificate Number P-910, (either 1C172/BTM7357 fixed pitch propeller with B-4381 spacer (aluminum) or 1C172/SBTM7357 fixed propeller with B-4425 spacer (steel).

(Note: When steel spacer is installed, an "S" will be stamped in front on the BTM on the propeller hub by the airframe manufacturer.) Static rpm at maximum permissible throttle setting: not over 2348, not under 2250; no additional tolerance permitted. Diameter: not over 73 inches, not under 71.5 inches. No additional tolerance permitted.

1,700 lbs.

## Propeller Spinner

(Original spinner installation) Backplate Assembly 5506006-501, Shim 6602035-1, Front Bulkhead 5506005-1 or -3 and Spinner 5506001-1 or -510; or (Globe spinner installation) Bulkhead Assembly Aft 5506008-503, Bulkhead Assembly Fwd 5506010-501, Doubler 5506011-1 and Spinner 5506009-3.

at

Airspeed Limits	V <sub>ne</sub> Nev	ver exceed			190	mph	(165 knots)
(CAS)	V <sub>no</sub> Maximum structural cruising				150 mph		(130 knots)
	V <sub>a</sub> Maneuvering utility category V <sub>a</sub> Maneuvering normal category V <sub>fe</sub> Flaps extended			122	mph	(106 knots)	
				122 mph 120 mph		(106 knots) (104 knots)	
	Car	nopy partiall	y open	ed	130	mph	(113 knots)
C.G. Range	Normal	(+87.25	to	(+90.1)	at	2,200	) lbs.
<del></del>		(+80.0)	to	(+90.1)	at	1,700	lbs.
	Utility	(+82.2)	to	(+84.5)	at	1,850	lbs.

(+80.0)(+84.5)Straight line variation between points given.

to

Empty Weight C. G. Range None

Maximum Weight 1.850 lbs. (Utility Category) 2,200 lbs. (Normal Category)

(+90.6)Number of Seats at (+126.0)at

Maximum Baggage 120 lbs. at (+148.0)

Maximum Cargo

(Rear Seat Folded Down) 340 lbs. at (+116.4)

Fuel Capacity 37 gallons (2 wing tanks) at (+90.9) (See NOTE 1 for unusable fuel)

Oil Capacity 8 quarts at (+32.0) (6 quarts usable)

(2 quarts minimum)

 $20^{\circ} \pm 2^{\circ}$  down Control Surface Movements Elevator  $30^{\circ} \pm 2^{\circ}$  up  $25^{\circ} \pm 2^{\circ}$  left Rudder  $25^{\circ} \pm 2^{\circ}$  right (Nominal from Neutral) Ailerons  $15^{\circ} + 2-0^{\circ}$  up  $7.5^{\circ} + 2\frac{1}{2} - 0^{\circ}$ down  $30^{\circ} \pm 2^{\circ}$  down Flaps Elevator Trim Tab  $16^{\circ} \pm 2^{\circ}$  up  $19^{\circ} \pm 2^{\circ}$  down

Serial Numbers Eligible AA5-0001 and up (Normal and Utility Category)

Service Life Limit

Information with respect to service life limited parts on this Model is contained in the applicable manufacturer's service manual, "Model AA-5, AA-5A, AA-5B, AG-5B Service Manual," Section 3-00, "Service Life Limited Components." Service life limits appearing in this manual may not be changed without FAA Engineering approval.

Service life limited parts must be retired in accordance with the following schedule:

Component	Part Number	Service Life (Hours)
Inboard Spar Assembly	5102310-501	12,000
Wing Spar Assembly	5201002-501	12,500
Wing Outboard Spar Assembly	5201189-501	12,500
Shoulder Bolt	901044-2,-3	7,250

## **Production Basis**

None. Prior to original certification of each aircraft manufactured subsequent to May 12, 2000, an FAA representative must perform a detailed inspection for workmanship, materials and conformity with the approved technical data and a check of the flight characteristics.

## II. - Model AA-5A, Cheetah, 4 PCLM, Utility Category, approved July 28, 1975; Normal Category, approved

July 28, 1975

Engine

One each Lycoming O-320-E2G (Carburetor MA-4 SPA with settings 10-5062 or

10-5009) (Type Certificate Number E-274)

Fuel

80/87 minimum grade aviation gasoline

**Engine Limits** 

For all operations, 2,700 rpm (150 hp)

## Propeller and Propeller Limits

- McCauley Model 1C172, Type Certificate Number P-910, (either 1C172/BTM7359 fixed pitch propeller with B-4381 spacer (aluminum) or 1C172/SBTM7359 fixed pitch propeller with B-4425 spacer (steel). (Note: When steel spacer is installed, an "S" will be stamped in front of the BTM on the propeller hub by the airframe manufacturer.) Static rpm at maximum permissible throttle setting; not over 2375; not under 2250. Diameter: not over 73 inches; not under 71.5 inches. No additional tolerance permitted.
- 2. McCauley Model 1C172, Type Certificate Number P-910, (either 1C172/BTM7357 fixed pitch propeller with B-4381 spacer (aluminum) or 1C172/SBTM7357 fixed pitch propeller with B-4425 spacer (steel). (Note: When steel spacer is installed, an "S" will be stamped in front on the BTM on the propeller hub by the airframe manufacturer.) Static rpm at maximum permissible throttle setting; not over 2348; not under 2250. No additional tolerance permitted. Diameter: not over 73 inches; not under 71.5 inches. No additional tolerance permitted.

Airspeed	<u>Limits</u>
(CAS)	

$V_{ne}$	Never exceed	190 mph	(165 knots)
$V_{no}$	Maximum structural cruising	150 mph	(130 knots)
$V_a$	Maneuvering utility category	122 mph	(106 knots)
$V_a$	Maneuvering normal category	122 mph	(106 knots)
$V_{fe}$	Flaps extended	120 mph	(104 knots)
•••	Canopy partially opened	130 mph	(113 knots)

## C.G. Range

Normal	(+85.60)	to	(+92.5)	at	2,200 lbs.
	(+81.0)	to	(+92.5)	at	1,780 lbs.
Utility	(+81.8)	to	(+86.0)	at	1,850 lbs.
	(+81.0)	to	(+86.0)	at	1,780 lbs.

Straight line variation between points given.

Empty Weight C. G. Range

None

Maximum Weight

1,850 lbs. (Utility Category) 2,200 lbs. (Normal Category)

Number of Seats

2 at (+90.6) 2 at (+126.0)

Maximum Baggage

120 lbs. at (+148.0)

Maximum Cargo

(Rear Seat Folded Down) 340 lbs. at (+116.4)

Fuel Capacity 37 gallons (2 wing tanks) at (+90.9)

(Standard Tanks) (See NOTE 1 for unusable fuel)

Fuel Capacity 51 gallons (2 wing tanks) at (+94.8)

(Optional Tanks) (See NOTE 1 for unusable fuel)

Oil Capacity 8 quarts at (+32.0) (6 quarts usable)

(2 quarts minimum)

Control Surface Movements<br/>(Nominal from neutral)Elevator $23^{\circ} \pm 1^{\circ}$  up $17^{\circ} \pm 2^{\circ}$  down<br/> $25^{\circ} \pm 2^{\circ}$  left $25^{\circ} \pm 2^{\circ}$  right

Rudder  $25^{\circ} \pm 2^{\circ}$  left  $25^{\circ} \pm 2^{\circ}$  right Ailerons  $15^{\circ} + 2 \cdot 0^{\circ}$  up  $7.5^{\circ} + 2 \cdot \cdot 2 \cdot 0^{\circ}$  down Flaps  $45^{\circ} \pm 2^{\circ}$  down Elevator Trim Tab  $14^{\circ} \pm 3^{\circ}$  up  $30^{\circ} \pm 1^{\circ}$  down

Serial Numbers Eligible AA5A-0001 and up (Normal and Utility Category)

Service Life Limit Information with respect to service life limited parts on this Model is contained in the

applicable manufacturer's service manual, "Model AA-5, AA-5A, AA-5B, AG-5B Service Manual, " Section 3-00 (Section 5 after 1976), "Service Life Limited

Components." Service life limits appearing in this manual may not be changed without

FAA Engineering approval.

Service life limited parts must be retired in accordance with the following schedule:

Component	Part Number	Service Life (Hours)
Inboard Spar Assembly	5102310-501	12,000
Wing Spar Assembly (Standard)	5201002-501	12,500
Wind Spar Assembly (Optional)	5201004-501	12,500
Wing Outboard Spar Assembly	5201189-501	12,500
Shoulder Bolt	901044-2, -3	7,250

<u>Production Basis</u>
None. Prior to original certification of each aircraft manufactured subsequent to May 12,

2000, an FAA representative must perform a detailed inspection for workmanship, materials and conformity with the approved technical data and a check of the flight

characteristics.

III. - Model AA-5B, Tiger, 4 PCLM, Utility Category, approved November 27, 1974; Normal Category, approved

November 27, 1974

Engine One each Lycoming O-360-A4K (Carburetor HA-6 with setting 10-5092 or 10-5219)

(Type Certificate Number E-286).

<u>Fuel</u> 100/100 minimum grade aviation gasoline

Engine Limits For all operations, 2,700 rpm (180 hp)

Propeller and Propeller Limits McCauley Model 1A170/FFA7563 with B-4273 spacer (aluminum) or 1A170/KFA7563

with B-4273 spacer (aluminum), Type Certificate Number P-857. Static rpm at maximum permissible throttle setting; not over 2325; not under 2175. Diameter: not

over 75 inches; not under 74.5 inches. No additional tolerance permitted.

Propeller Spinner (Original spinner installation) Backplate Assembly 5506006-502, Shim 5502035-2,

Front Bulkhead 5506005-2 or -4 and Spinner Assembly 5506002-1 or -503; or (Globe spinner installation) Bulkhead Assembly Aft 5506008-505, Bulkhead Assembly

Fwd 5506010-503, Doubler 5506011-3 and Spinner 5506009-3.

Airspeed Limits (CAS)	<ul> <li>V<sub>ne</sub> Never exceed</li> <li>V<sub>no</sub> Maximum structural cruising</li> <li>V<sub>a</sub> Maneuvering utility category</li> <li>V<sub>a</sub> Maneuvering normal category</li> <li>V<sub>fe</sub> Flaps extended</li> <li>Canopy partially opened</li> </ul>	200 mph (174 knots) 165 mph (143 knots) 130 mph (113 knots) 130 mph (113 knots) 120 mph (104 knots) 130 mph (113 knots)
C.G. Range	Normal (+89.0) to (+92.50) At 2,4 (+81.0) to (+92.50) At 1,9	
	Utility (+83.17) to (+85.32) at 2,0	20 lbs. 50 lbs. 20 lbs.
	Straight line variation between points given.	20 103.
Empty Weight C. G. Range	None	
Maximum Weight	2,050 lbs. (Utility Category) 2,400 lbs. (Normal Category)	
Number of Seats	2 at (+90.6) 2 at (+126.0)	
Maximum Baggage	120 lbs. at (+148.0)	
Maximum Cargo (Rear Seat Folded Down)	340 lbs. at (+116.4)	
Fuel Capacity	51 gallons (2 wing tanks) at (+94.8) (See NOTE 1 for unusable fuel)	
Oil Capacity	8 quarts at (+32.0) (6 quarts usable) (2 quarts minimum)	
Control Surface Movements (Naminal from poutral)	Elevator $23^{\circ} \pm 1^{\circ}$ up Rudder $25^{\circ} \pm 2^{\circ}$ left	$17^{\circ} \pm 2^{\circ}$ down $25^{\circ} \pm 2^{\circ}$ right
(Nominal from neutral)	Ailerons $15^{\circ} + 2 \cdot 0^{\circ}$ up	$7.5^{\circ} + 2\frac{1}{2} - 0^{\circ}$ down
	Flaps Elevator Trim Tab $14^{\circ} \pm 3^{\circ}$ up	$45^{\circ} \pm 2^{\circ}$ down $30^{\circ} \pm 1^{\circ}$ down

## Serial Numbers Eligible

AA5B-0001 and up (Normal and Utility Category)

## Service Life Limit

Information with respect to service life limited parts on this Model is contained in the applicable manufacturer's service manual, "Model AA-5, AA-5A, AA-5B, AG-5B Service Manual, "Section 3-00 (Section 5 after 1976), "Service Life Limited Components." Service life limits appearing in this manual may not be changed without FAA Engineering approval.

Service Life limited parts must be retired in accordance with the following schedule:

Component	Part Number	Service Life (Hours)
Inboard Spar Assembly	5102310-502	12,000
Wing Spar Assembly	5201004-501	12,500
Wing Outboard Spar Assembly	5201189-501	12,500
Shoulder Bolt	901044-2, -3	7,250

## **Production Basis**

None. Prior to original certification of each aircraft manufactured subsequent to May 12, 2000, an FAA representative must perform a detailed inspection for workmanship, materials and conformity with the approved technical data and a check of the flight characteristics.

IV. Model AG-5B, Tiger, 4 PCLM, Utility Category, approved September 21, 1990; Normal Category, approved

September 21, 1990

Engine One each Lycoming O-360-A4K (Carburetor HA-6 with setting 10-5092, 10-5219, or

10-6019) (Type Certificate Number E-286)

<u>Fuel</u> 100/100 minimum grade aviation gasoline

Engine Limits For all operations, 2,700 rpm (180 hp)

Propeller and Propeller Limits Sensenich Model 76EM8S10-0-61, 76EM8S10-0-63 and 76EM8S10-0-65.

Diameter: 76 inches. (Type Certificate Number P4EA)

<u>Propeller Spinner</u> Bulkhead Assembly Aft 5506008-505, Bulkhead Assembly Fwd 5506010-503, Doubler

5506011-3 and Spinner 5506009-3.

Airspeed Limits V<sub>ne</sub> Never exceed 200 mph (174 knots) (CAS) V<sub>no</sub> Maximum structural cruising 165 mph (143 knots)

V<sub>no</sub> Maximum structural cruising 103 mph (143 knots)
V<sub>a</sub> Maneuvering utility category 130 mph (113 knots)
V<sub>a</sub> Maneuvering normal category 130 mph (113 knots)
V<sub>fe</sub> Flaps extended 120 mph (104 knots)
Canopy partially opened 130 mph (113 knots)

<u>C.G. Range</u> Normal (+89.0) to (+92.50) at 2,400 lbs.

Straight line variation between points given.

Empty Weight C. G. Range None

<u>Maximum Weight</u> 2,050 lbs. (Utility Category) 2,400 lbs. (Normal Category)

2 at (+90.6)

Number of Seats 2 at (+90.6) 2 at (+126.0)

Maximum Baggage 120 lbs. at (+148.0)

Maximum Cargo

(Rear Seat Folded Down) 340 lbs. at (+116.4)

<u>Fuel Capacity</u> 51 gallons (2 wing tanks) at (+94.8)

(See NOTE 1 for unusable fuel)

Oil Capacity 8 quarts at (+32.0) (6 quarts usable)

(2 quarts minimum)

 Rudder
  $25^{\circ} \pm 2^{\circ}$  left
  $25^{\circ} \pm 2^{\circ}$  right

 Ailerons
  $15^{\circ} + 2 \cdot 0^{\circ}$  up
  $7.5^{\circ} + 2 \cdot 2 \cdot 0^{\circ}$  down

 Flaps
  $45^{\circ} \pm 2^{\circ}$  down

 Elevator Trim Tab
  $14^{\circ} \pm 3^{\circ}$  up
  $30^{\circ} \pm 1^{\circ}$  down

<u>Serial Numbers Eligible</u> 10000 and up (Normal and Utility Category)

Service Life Limit Information with respect to service life limited parts on this Model is contained in the

applicable manufacturer's service manual, "Model AA-5, AA-5A, AA-5B, AG-5B Service Manual, " Section 3-00 (Section 5 after 1976), "Service Life Limited

Components." Service life limits appearing in this manual may not be changed without

FAA Engineering approval.

Service life limited parts must be retired in accordance with the following schedule:

Component	Part Number	Service Life (Hours)
Inboard Spar Assembly	5102310-503	12,000
Wing Spar Assembly	5201004-501	12,500
Wing Outboard Spar Assembly	5201189-501	12,500
Shoulder Bolt	901044-2, -3	7,250

## **Production Basis**

None. Prior to original certification of each aircraft manufactured subsequent to August 31, 2007, an FAA representative must perform a detailed inspection for workmanship, materials and conformity with the approved technical data and a check of the flight characteristics.

## DATA PERTINENT TO ALL MODELS

50.0 inches forward of front face of firewall (wing chord 53.32 inches) Datum

Leveling Means Canopy Slide Rail

Certification Basis FAR 23 effective February 1, 1965, and Amendments 23-1 through 23-8, Date of

Application for Type Certificate, July 2, 1970. Type Certificate No. A16EA issued

November 12, 1971.

Equipment The basic equipment prescribed in the applicable airworthiness regulations (see

Certificate Basis) must be installed in the airplane for certification. In addition, the Pilot

Operating Handbook/Airplane Flight Manual is required as follows:

Airplane Flight Manual dated February 26, 1979, is required for the following aircraft:

> Model AA-5A: S/N 0729, 0741, 0745, 0750, 0754, 0766, 0770, 0774, 0791, 0826 and subsequent.

> Model AA-5B: S/N 0973, 0975, 1021, 1029, 1088, 1092, 1101, 1103, 1104, 1108 and subsequent.

FAA approved Pilot Operating Handbook/Airplane Flight Manual number POH-AGAC-1 is required for the following model and serial number airplanes:

Model AG-5B: S/N 99998, 10000 through 10174.

FAA approved Pilot Operating Handbook/Airplane Flight Manual number POH-AG5B-1 is required for the following model and serial number airplanes:

Model AG-5B: S/N 10201 and subsequent except 99998.

#### NOTE 1: A current weight and balance report, including a list of equipment in the certificated empty weight and also loading instructions, must be provided for each airplane at the time of original certification.

- Applicable to Model AA-5 and Model AA-5A (with Standard Tanks) The certificated weight empty and corresponding center-of-gravity location must include 6 lbs. (1 gallon) at (+90.9) of unusable fuel. (Undrainable fuel and oil is negligible.)
- B. Applicable to Model AG-5B, AA-5B and Model AA-5A (with Optional Tanks) The certificated weight empty and corresponding center-of-gravity location must include 9.6 lbs. (1.6 gallons) at (+94.8) of unusable fuel. (Undrainable fuel and oil is negligible.) The AG-5B also includes full oil in the certified weight empty and corresponding center-of-gravity location.

NOTE 2: The following placards must be installed in full view of the pilot (values shown below in MPH CAS may be provided in KNOTS IAS):

(a) "THIS AIRPLANE MUST BE OPERATED AS A NORMAL OR UTILITY CATEGORY AIRPLANE IN COMPLIANCE WITH THE OPERATING LIMITATIONS STATED IN THE FORM OF PLACARDS, MARKINGS, AND MANUALS."

NORMAL CATEGORY

MAXIMUM DESIGN WEIGHT 2,200 LBS. (AA-5 & AA-5A)

2,400 LBS. (AA-5B & AG-5B)

DESIGN MANEUVERING SPEED, V<sub>a</sub> 122 MPH CAS (AA-5 & AA-5A)

130 MPH CAS (AA-5B & AG-5B)

FLIGHT LOAD FACTORS:

FLAPS UP +3.8, -1.52 FLAPS DOWN +3.5

NO ACROBATIC MANEUVERS, INCLUDING SPINS, APPROVED.

**UTILITY CATEGORY** 

MAXIMUM DESIGN WEIGHT 1,850 LBS (AA-5 & AA-5A)

2,050 LBS (AA-5B & AG-5B)

DESIGN MANEUVERING SPEED, V<sub>a</sub> 122 MPH CAS (AA-5 & AA-5A)

130 MPH CAS (AA-5B & AG-5B)

FLIGHT LOAD FACTORS:

FLAPS UP +4.4, -1.76 FLAPS DOWN +3.5

REAR SEAT MUST NOT BE OCCUPIED.

ACROBATIC MANEUVERS ARE LIMITED TO THE FOLLOWING:

MANEUVER ENTRY SPEED (MPH, CAS)

CHANDELLES 122 (AA-5 & AA-5A)

130 (AA-5B & AG-5B)

LAZY EIGHTS 122 (AA-5 & AA-5A)

130 (AA-5B & AG-5B)

STEEP TURNS 122 (AA-5 & AA-5A)

130 (AA-5B & AG-5B)

STALLS (EXCEPT SLOW DECELERATION

WHIP STALLS)

**SPINS PROHIBITED** 

MAXIMUM ALTITUDE LOSS 350 FEET (AA-5A & AA-5B & AG-5B)

IN STALLS 300 FEET (AA-5)

DEMONSTRATED CROSSWIND 18 MPH (AA-5A & AA-5B & AG-5B)

VELOCITY 17 MPH (AA-5)

THIS AIRPLANE IS NOT APPROVED FOR FLIGHT IN ICING CONDITIONS (AA-5A, AA-5B AND AG-5B). KNOWN ICING CONDITIONS TO BE AVOIDED (AA-5).

THIS AIRPLANE IS CERTIFICATED FOR THE FOLLOWING OPERATIONS AS OF DATE OF ORIGINAL AIRWORTHINESS CERTIFICATE.

IFR, VFR, DAY, NIGHT

REFER TO WEIGHT AND BALANCE FOR LOADING INSTRUCTIONS.

READ FUEL GAUGES IN LEVEL FLIGHT ONLY.

FOR NORMAL OPERATION, MAINTAIN FUEL BALANCE.

(b) On left side of cabin:

"130 MPH MAXIMUM CANOPY OPEN TO HERE. NO FLIGHT WITH CANOPY OPEN BEYOND THIS POINT."

(c) In baggage compartment:

"120 POUNDS MAXIMUM BAGGAGE. FOR ADDITIONAL LOADING INSTRUCTIONS, SEE WEIGHT AND BALANCE DATA. NO HEAVY OBJECTS ON HAT SHELF."

(d) On rear seat base (visible with seat in cargo position):

"NO PASSENGERS. 340 POUNDS MAXIMUM CARGO. DISTRIBUTE EVENLY. FOR ADDITIONAL LOADING INSTRUCTIONS, SEE WEIGHT AND BALANCE DATA AND OWNER'S MANUAL."

(e) Under rear seat base (visible with rear seat back upright):

"NO STEP - BEFORE FLIGHT - REAR SEAT MUST BE TURNED DOWN TO COVER THIS AREA."  $\,$ 

(f) Near fuel caps:

Model AA-5 and Model AA-5A with Standard Fuel Tanks:

"FUEL MINIMUM 80/87 OCTANE 19 U.S. GAL. CAP"

Model AA-5A with Optional Fuel Tanks:

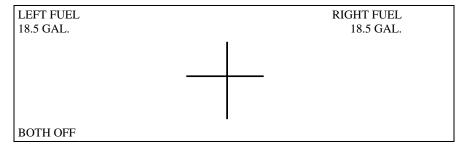
"FUEL MINIMUM 80/87 OCTANE 26.3 U.S. GAL. CAP"

Model AA-5B and Model AG-5B:

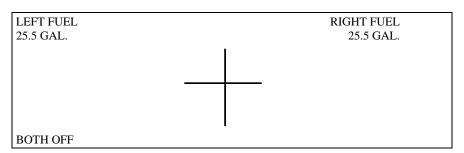
"FUEL MINIMUM 100/100 OCTANE 26.3 U.S. GAL. CAP"

(g) Fuel control panel:

Model AA-5 and Model AA-5A Standard Fuel Tanks:



## Model AA-5A Optional Fuel Tanks, Model AA-5B and Model AG-5B Standard Fuel Tanks;



(h) On glove box door:

Model AA-5 and Model AA-5A:

TIRE PRESSURE NOSE 21 LBS.

MAIN 24 LBS.

Model AA-5B:

TIRE PRESSURE NOSE 25 LBS.

MAIN 34 LBS.

(i) On instrument panel:

"CAUTION: FLASHING BEACON IN CLOUDS MAY CAUSE VISUAL DISORIENTATION."

"TURN OFF STROBE IN CLOUD, FOG, OR HAZE. TAXI WITH STROBE OFF."

Model AA-5B:

"AVOID CONTINUOUS OPERATION BETWEEN 1850 AND 2250 RPM WHILE DESCENDING."

(j) On left hand side panel:

"FOR FLIGHT WITH REAR SEAT OCCUPANTS AND/OR CARGO, CHECK WEIGHT & BALANCE."

Model AG-5B:

TIRE PRESSURE NOSE 25 LBS.

MAIN 34 LBS.

(k) On baggage door:

"TO OPEN DOOR FROM INSIDE, SLIDE HANDLE FORWARD."

(l) On throttle quadrant:

"FRICTION ADJ."

(m) On eye brow:

"NO SMOKING."

NOTE 3: Life limits for each model are found in the section for each individual model.

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