



Familiarização de Manutenção do Piper PA-46

Malibu / Mirage / Matrix / Meridian / JetProp / Série M

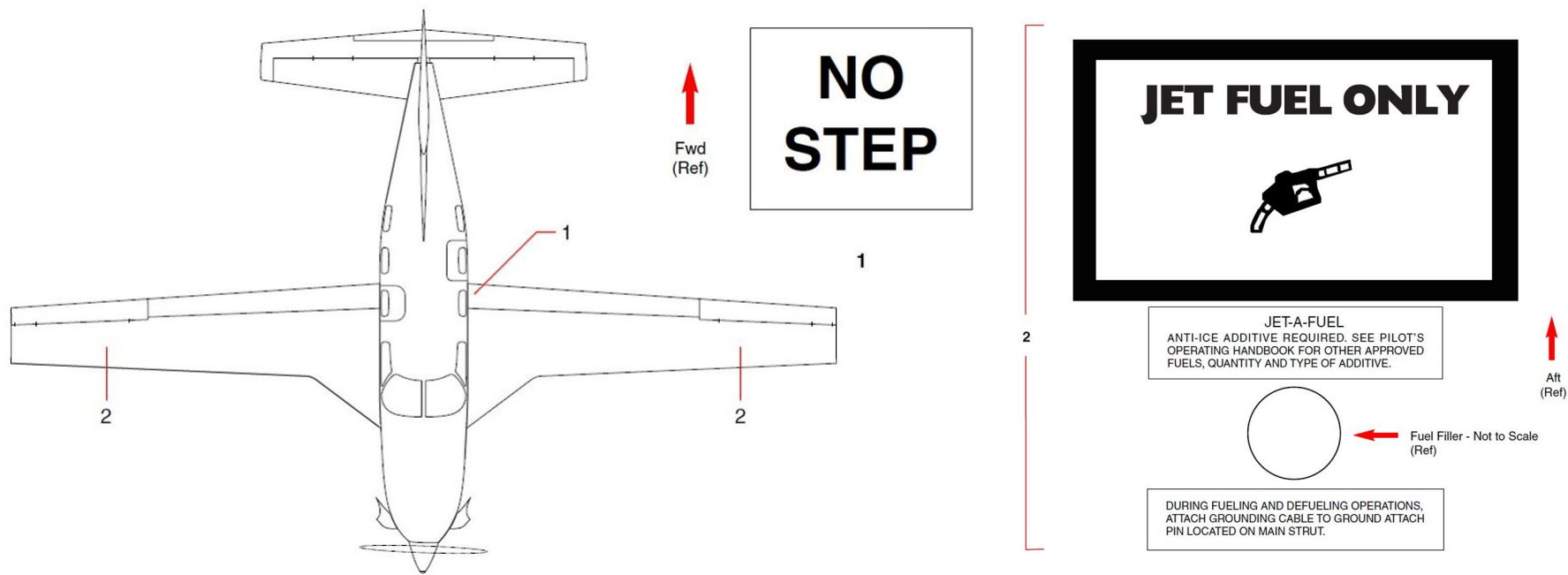
Aula 7 - Placares

Placares e marcas exteriores

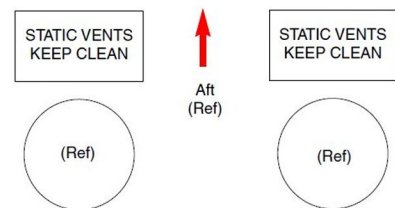
A placa de identificação da aeronave (placa da Manufacturers Aircraft Association (MAA)) está localizada abaixo do cone de cauda, aproximadamente na F.S. 311,50. A placa identifica a aeronave pelo seu número de modelo e número de série. Caso surja alguma dúvida sobre os cuidados com a aeronave, é importante incluir o número de série da aeronave em qualquer correspondência com a The New Piper Aircraft, Inc.

NOTA: Sempre que uma aeronave for repintada ou retocada, inspecione todas as placas para garantir que não estejam cobertas de tinta, estejam legíveis e firmemente fixadas.

Placares e marcas exteriores



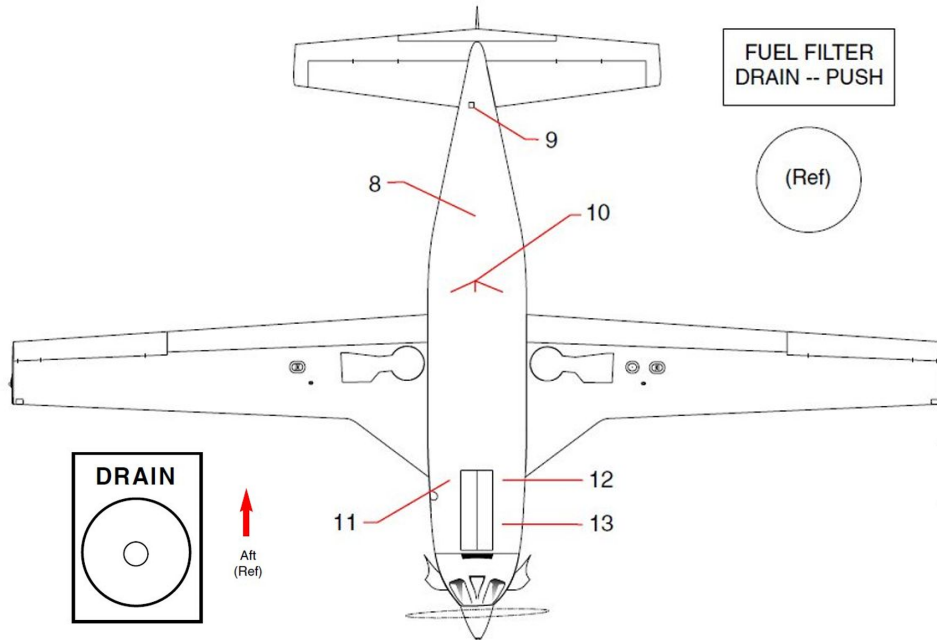
Placares e marcas exteriores



8



9



10

FUEL FILTER
DRAIN -- PUSH

(Ref)

11

FUEL SUMP
DRAIN

(Ref)

Inboard
(Ref)

FUEL SUMP
DRAIN

(Ref)

Inboard
(Ref)

12

EPA DRAIN
PUSH

(Ref)

Inboard
(Ref)

13

Placares e marcas exteriores

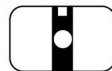
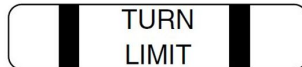
GROUND ATTACH POINT

14

STRUT AND TIRE SERVICE INSTRUCTIONS

PLACE AIRPLANE ON JACKS AND EXTEND STRUT COMPLETELY. RELEASE AIR AND REMOVE AIR VALVE. SLOWLY COMPRESS THE STRUT. SLOWLY FILL COMPRESSED STRUT WITH MIL-H-5606 HYDRAULIC FLUID THROUGH THE FILLER OPENING UNTIL IT REACHES THE TOP OF THE FILLER PLUG HOLE. MANUALLY COMPRESS AND EXTEND STRUT SEVERAL TIMES TO REMOVE TRAPPED AIR. ADD FLUID EACH TIME IF REQUIRED. REPLACE VALVE AND, WITH MAIN GEAR STILL CLEAR OF GROUND, INFLATE STRUT TO 250 PSI AIR PRESSURE. INFLATE MAIN TIRE TO 55 PSI AIR PRESSURE. REMOVE JACKS FROM AIRPLANE (NORMAL MAIN GEAR STRUT EXTENSION IS 3.14 INCHES (7.98 CM) WITH AIRCRAFT ON A LEVEL SURFACE AND AT EMPTY WEIGHT.)

15



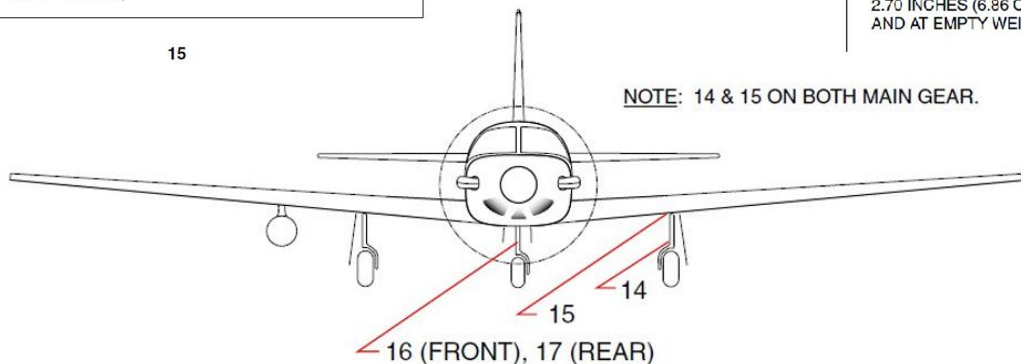
16

STRUT AND TIRE SERVICE INSTRUCTIONS

PLACE AIRPLANE ON JACKS AND EXTEND STRUT COMPLETELY. RELEASE AIR AND REMOVE AIR VALVE. SLOWLY COMPRESS THE STRUT. SLOWLY FILL COMPRESSED STRUT WITH MIL-H-5606 HYDRAULIC FLUID THROUGH THE FILLER OPENING UNTIL IT REACHES THE TOP OF THE FILLER PLUG HOLE. MANUALLY COMPRESS AND EXTEND STRUT SEVERAL TIMES TO REMOVE TRAPPED AIR. ADD FLUID EACH TIME IF REQUIRED. REPLACE VALVE AND, WITH NOSE GEAR STILL CLEAR OF GROUND, INFLATE STRUT TO A PRESSURE OF 160 PSI. INFLATE NOSE GEAR TIRE TO 70 PSI AIR PRESSURE. REMOVE JACKS FROM AIRPLANE (NORMAL STRUT EXTENSION IS 2.70 INCHES (6.86 CM) WITH AIRCRAFT ON A LEVEL SURFACE AND AT EMPTY WEIGHT WITH FULL FUEL AND OIL.)

17

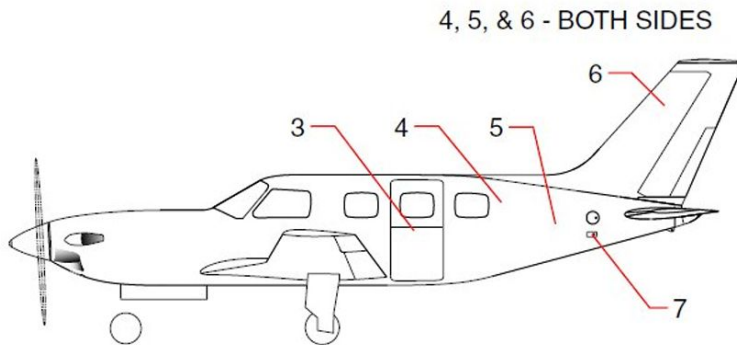
NOTE: 14 & 15 ON BOTH MAIN GEAR.



Placares e marcas exteriores

EXTERNAL POWER
28 VOLTS D.C.
TURN MASTER SWITCH
AND ALL EQUIP. OFF
BEFORE INSERTING
OR REMOVING PLUG.

7



Placares e marcas interiores

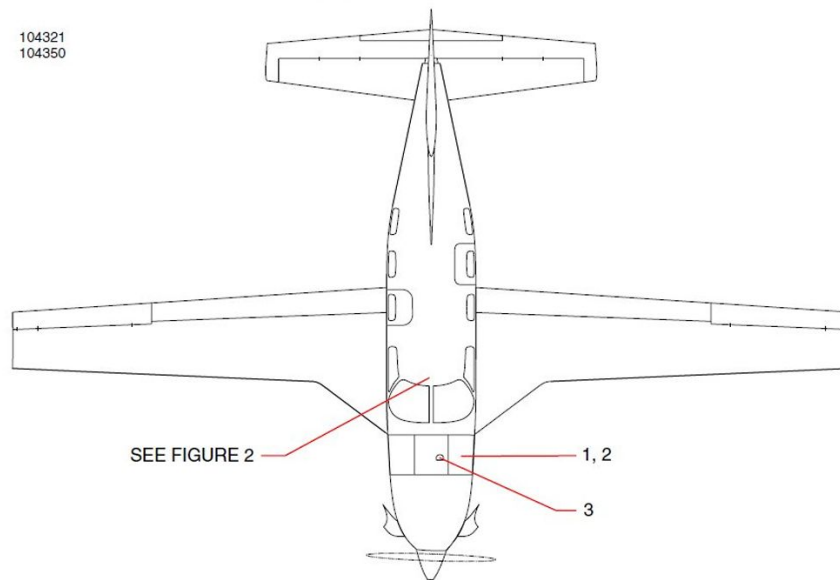
ATTENTION
THIS AIR CONDITIONING
SYSTEM SERVICED
WITH HFC-134a
REFRIGERANT.
COMPRESSOR SERVICED
WITH POLYALKYLENE
GLYCOL (PAG)
LUBRICANT

1

BRAKE FLUID
RESERVOIR
SERVICE USING
MIL-H-5606

2

104321
104350



**ENGINE OIL
SPECIFICATION**
DO NOT MIX DIFFERENT
BRANDS OF OIL.

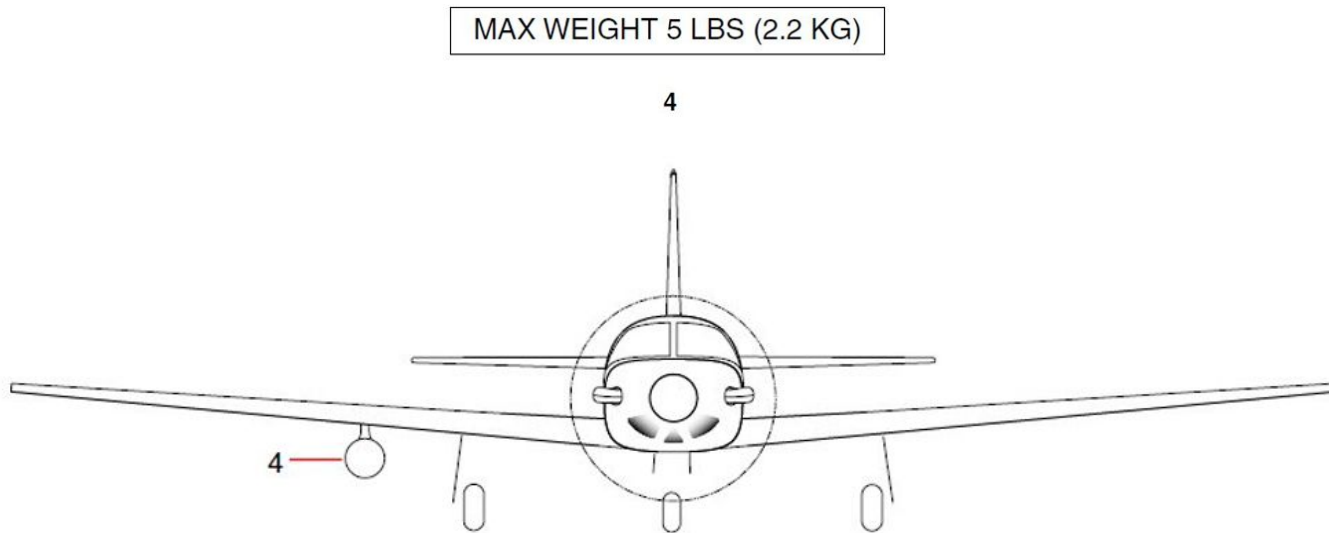
OIL TANK CAPACITY
9.2 QTS
DO NOT OVERFILL

FILL WITH APPROVED
OIL TO MAXIMUM MARK
ON DIP STICK.

SEE LATEST REVISION
OF PRATT & WHITNEY
CANADA ENGINE SERVICE
BULLETIN SB 3001 FOR
LIST OF APPROVED
LUBRICATING OILS.

3

Placares e marcas interiores



Placares e marcas interiores

MAXIMUM WEIGHT THIS
COMPARTMENT 4 LBS (1.8 KG)

5

OPEN ↔ CLOSE INSURE PIN
WINDOWS GREEN

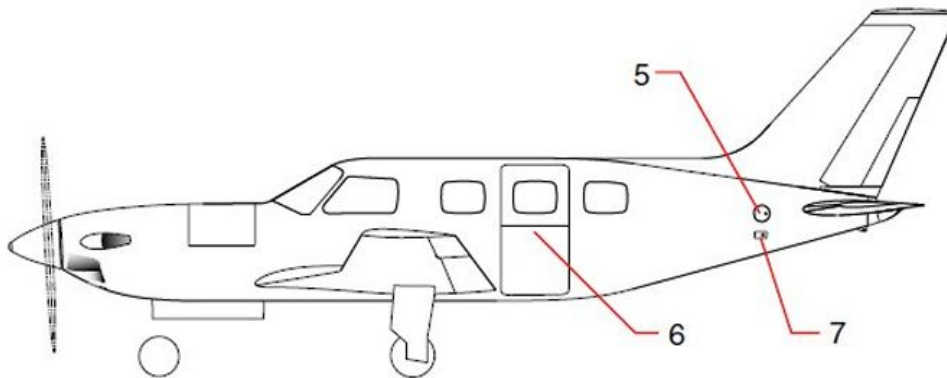
6

STARTING PROCEDURE
FOR EXTERNAL POWER

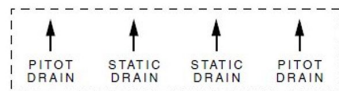
MASTER SWITCH AND
RADIOS MUST BE OFF

SEE AIRPLANE FLIGHT
MANUAL FOR
DETAILED INSTRUCTIONS

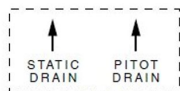
7



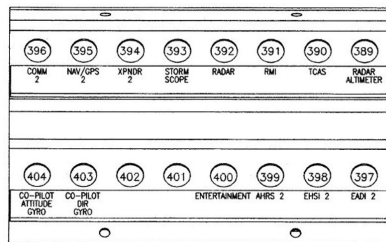
Placares e marcas interiores



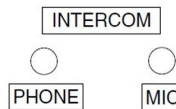
STANDARD



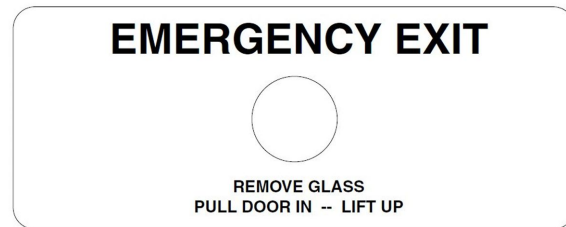
WITH
AVIDYNE INTEGRA OPTION
IN S/N'S 4697198 & UP



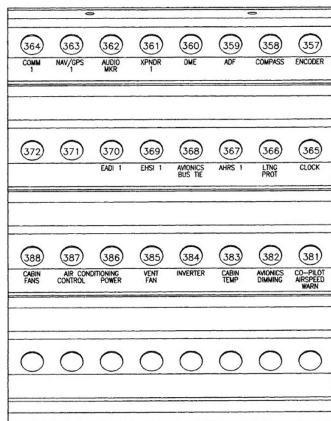
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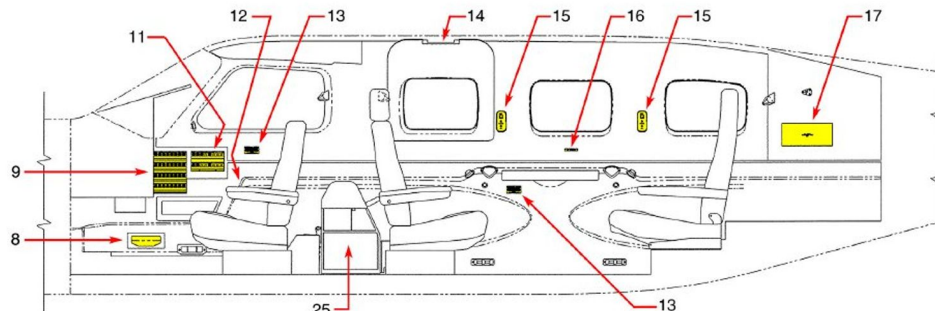
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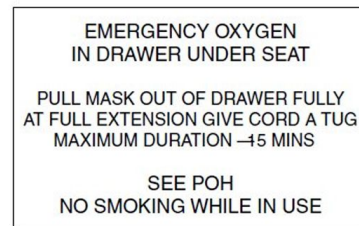
14



9

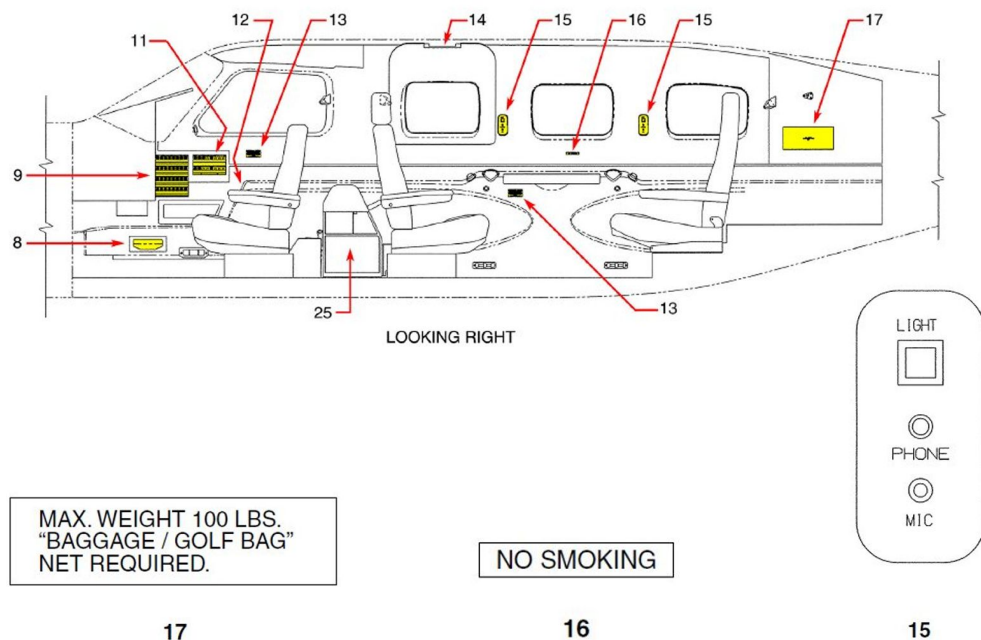


LOOKING RIGHT



13

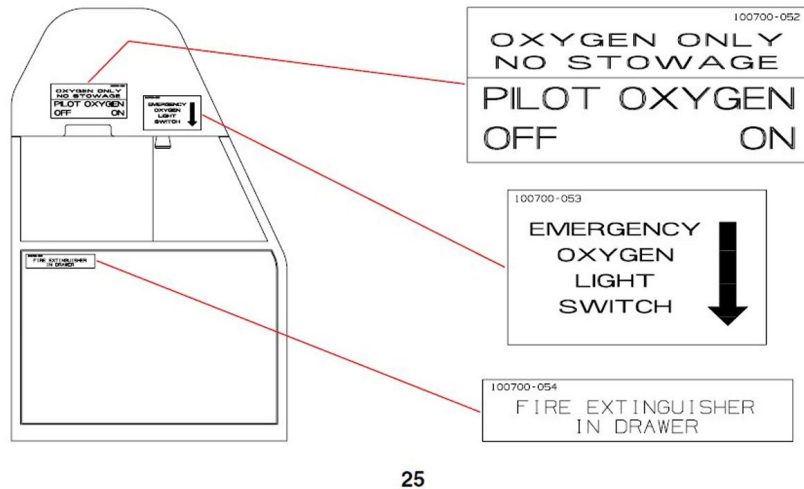
Placares e marcas interiores



MAX. WEIGHT 100 LBS.
"BAGGAGE / GOLF BAG"
NET REQUIRED.

NO SMOKING

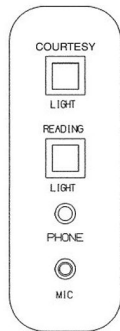
LIGHT
PHONE
MIC



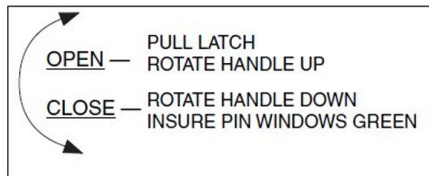
Placares e marcas interiores



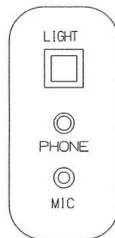
24



18



19



THE MARKINGS AND PLACARDS INSTALLED IN THIS AIRPLANE CONTAIN OPERATING LIMITATIONS WHICH MUST BE COMPLIED WITH WHEN OPERATING THIS AIRPLANE IN THE NORMAL CATEGORY. OTHER OPERATING LIMITATIONS WHICH MUST BE COMPLIED WITH WHEN OPERATING THIS AIRPLANE IN THIS CATEGORY ARE CONTAINED IN THE AIRPLANE FLIGHT MANUAL. NO AEROBATIC MANEUVERS, INCLUDING SPINS, APPROVED.

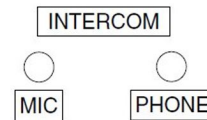
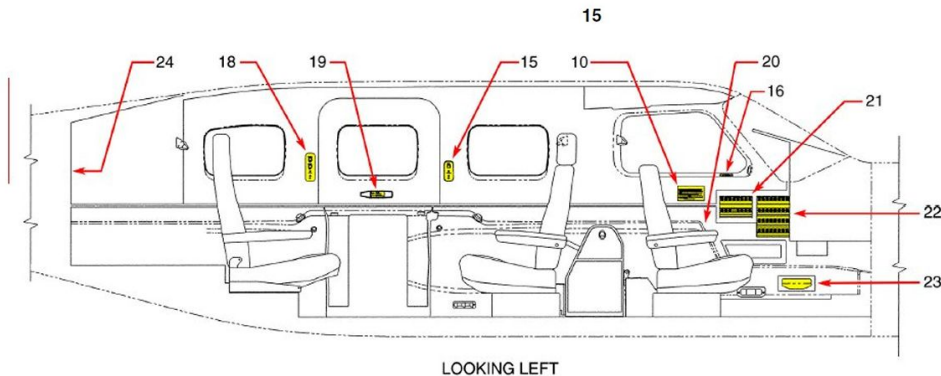
THIS AIRCRAFT APPROVED FOR V.F.R., I.F.R., DAY AND NIGHT ICING FLIGHT WHEN EQUIPPED IN ACCORDANCE WITH THE AIRPLANE FLIGHT MANUAL.

WARNING

TURN OFF STROBE LIGHTS WHEN IN CLOSE PROXIMITY TO GROUND OR DURING FLIGHT THROUGH CLOUD, FOG OR HAZE.

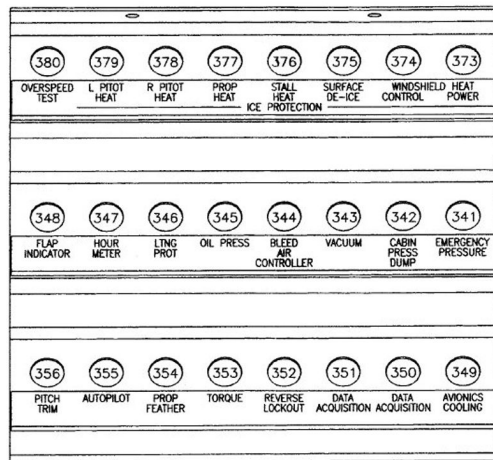
PRESSURIZED LANDING NOT APPROVED.

10 (Typical)



20

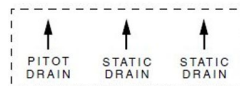
Placares e marcas interiores



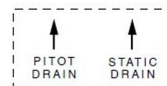
21

NO SMOKING

16

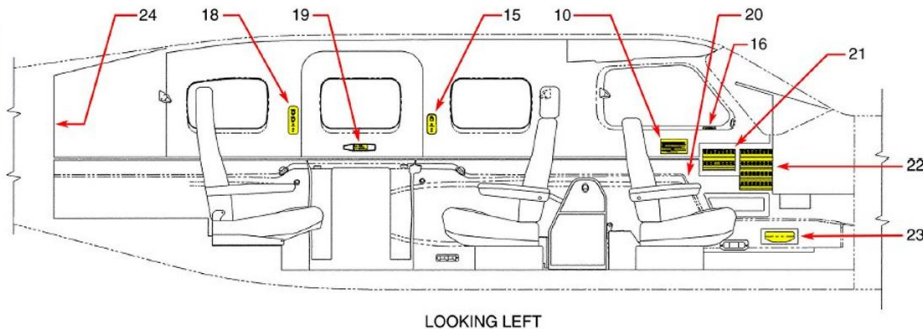


WITH
AVIDYNE INTEGRA OPTION
IN S/N'S 4697198 & UP

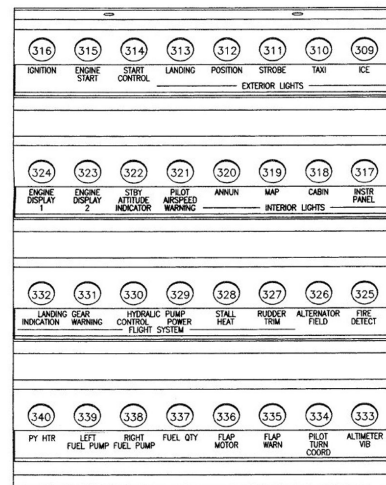


STANDARD

23

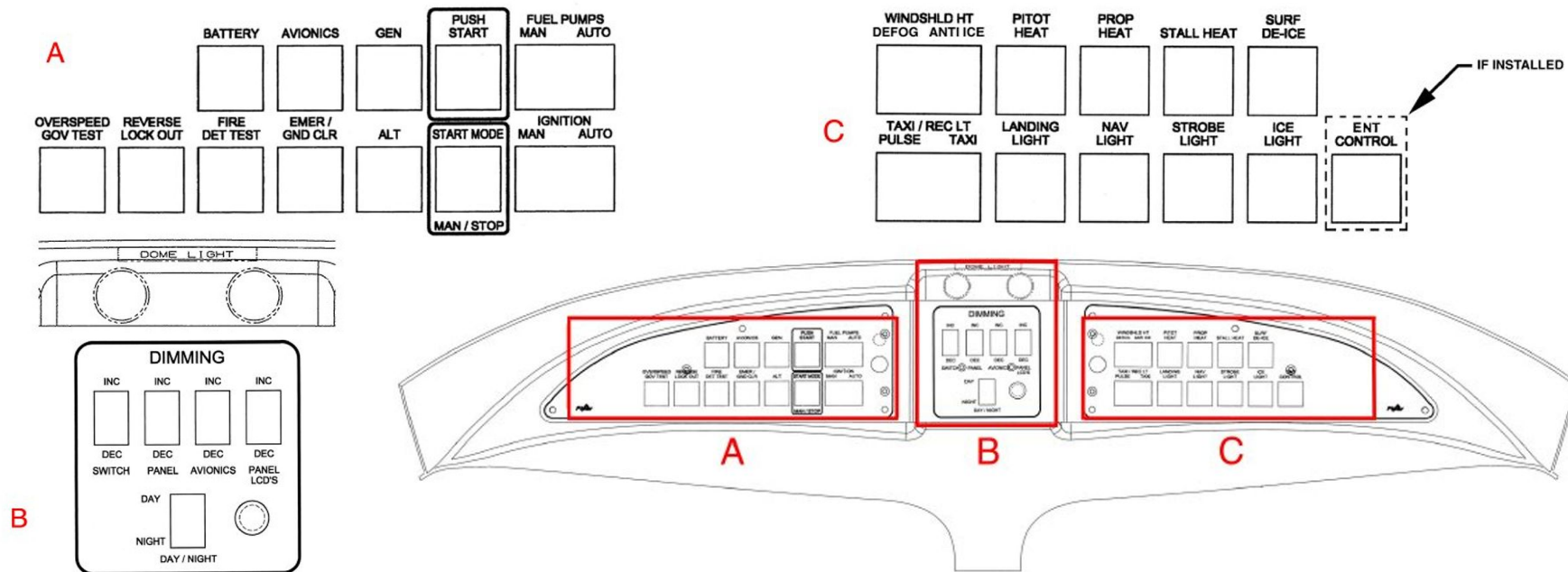


LOOKING LEFT

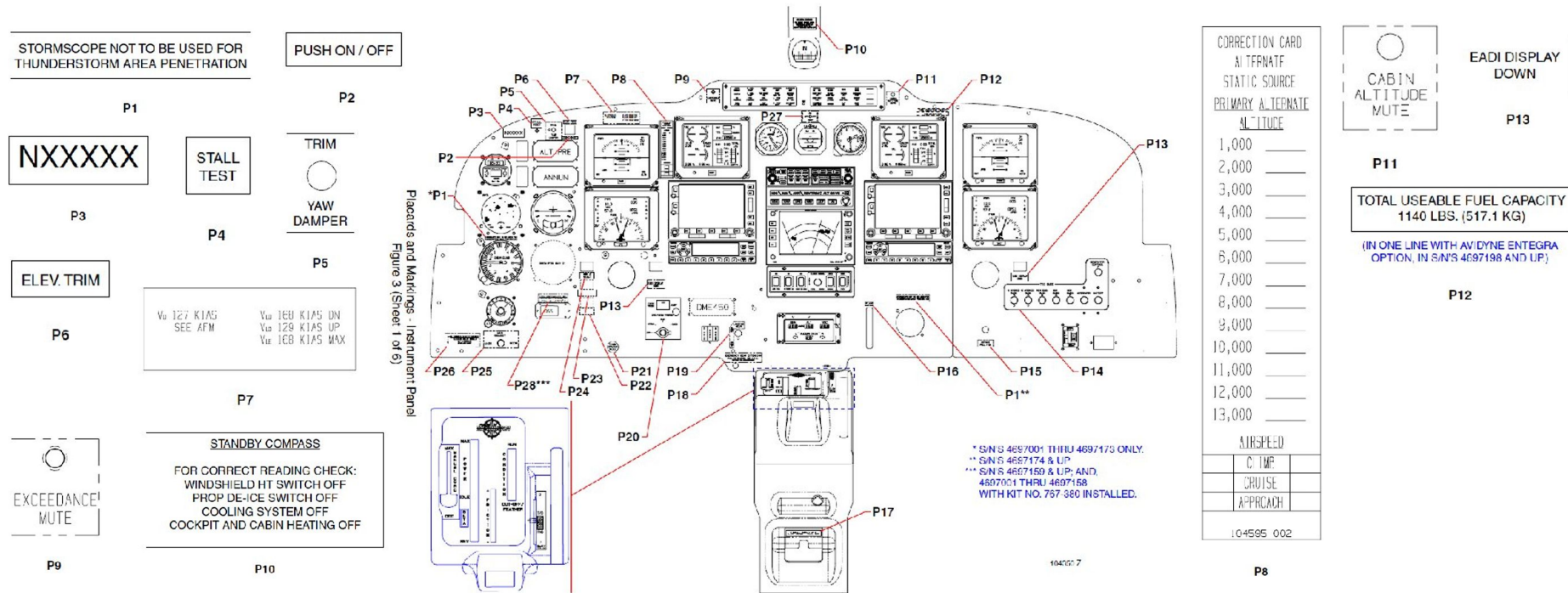


22

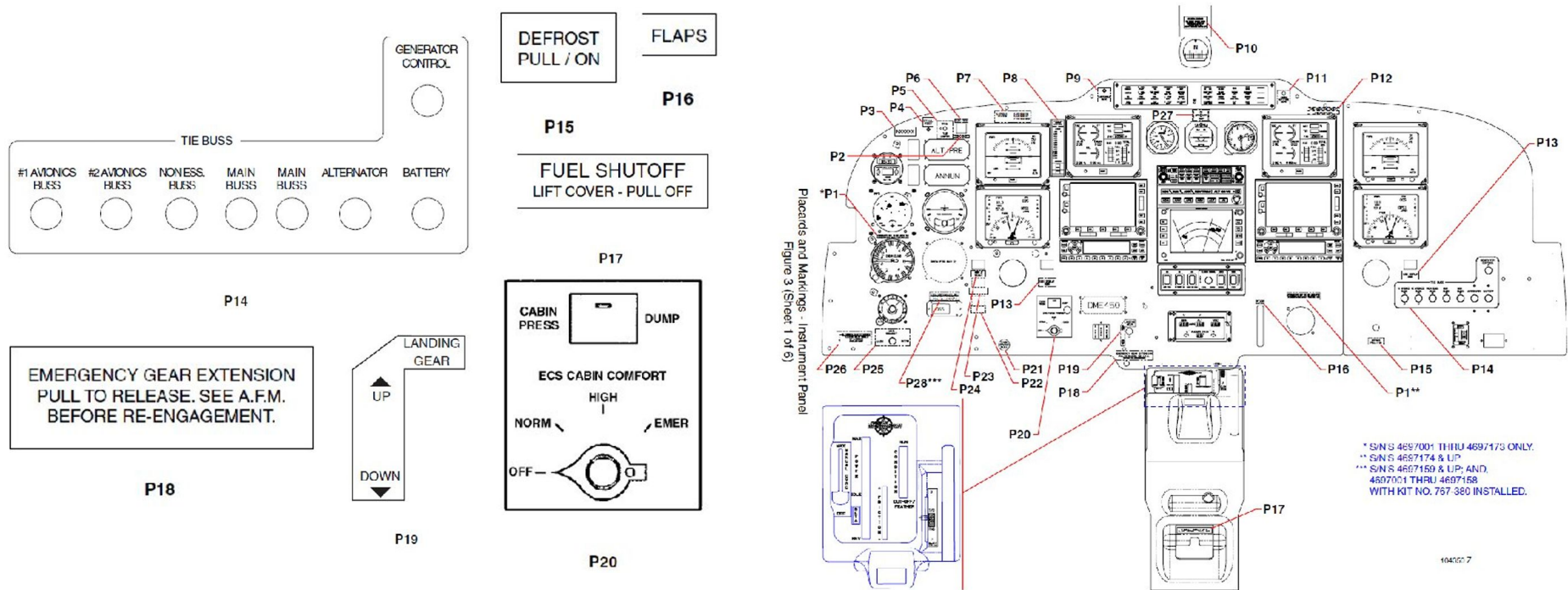
Placares e marcas interiores



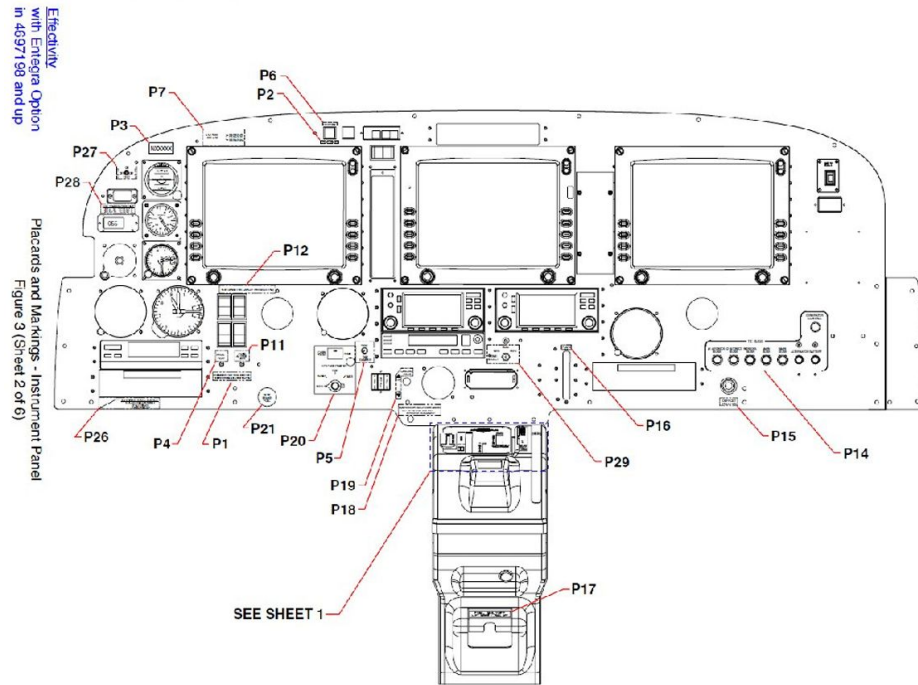
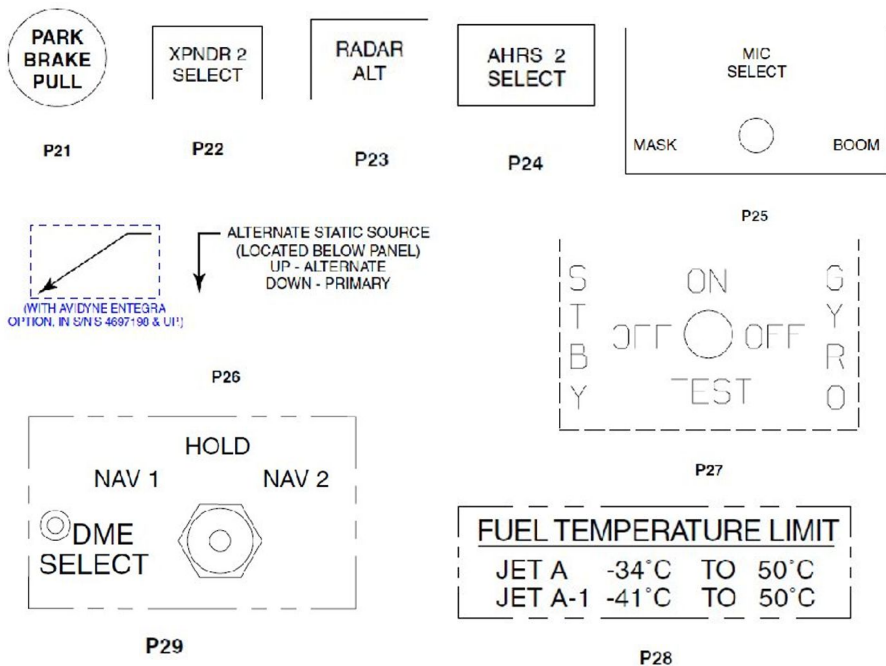
Placares e marcas interiores



Placares e marcas interiores



Placares e marcas interiores



Próxima aula

ATA 100 - Capítulo 12

Serviços

(Servicing)