

# Platinum Aviation Final (Updated May 2019)

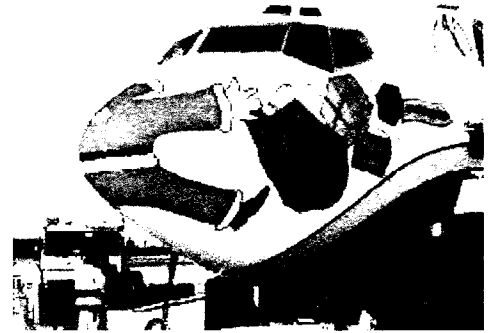
1

9-28 PLT014

(Refer to figure 26, areas 4 and 3, and figure 28.)

The VOR is tuned to Jamestown VOR, and the aircraft is positioned over Cooperstown Airport. Which VOR indication is correct?

- A- 1
- B- 6
- C- 9



12-5 2 PLT506

$V_{SO}$  is defined as the

- A- stalling speed or minimum steady flight speed in the landing configuration.
- B- stalling speed or minimum steady flight speed in a specified configuration.
- C- stalling speed or minimum takeoff safety speed.

12-6 3 PLT446

Which operation would be described as preventive maintenance?

- A- Repair of landing gear brace struts.
- B- Replenishing hydraulic fluid.
- C- Repair of portions of skin sheets by making additional seams.

9-25 4 PLT014

(Refer to figure 24.) On what course should the VOR receiver (OBS) be set in order to navigate direct from Majors Airport (area 1) to Quitman VORTAC (area 2)?

- A- 101°.
- B- 108°.
- C- 281°.

DME

10-8 5 PLT330

Large accumulations of carbon monoxide in the human body result in

- A- tightness across the forehead.
- B- loss of muscular power.
- C- an increased sense of well-being.

6

10-6 PLT119

During a night flight, you observe steady red and green lights ahead and at the same altitude. What is the general direction of movement of the other aircraft?

- A- The other aircraft is crossing to the left.
- B- The other aircraft is flying away from you.
- C- The other aircraft is approaching head-on.

10-7 7 PLT333

VFR approaches to land at night should be accomplished

- A- at a higher airspeed.
- B- with a steeper descent.
- C- the same as during daytime.

5-25 8 PLT012

(Refer to figure 28.)

An aircraft departs an airport in the central standard time zone at 0930 CST for a 2-hour flight to an airport located in the mountain standard time zone. The landing should be at what time?

- A- 0930 MST.
- B- 1030 MST.
- C- 1130 MST.

12-4 9 PLT506

$V_{NO}$  is defined as the

- A- normal operating range.
- B- never-exceed speed.
- C- maximum structural cruising speed.

UA/OV KOKC-KTUL/TM 1800/FL 120/TP BE90//SK BKN018-TOP055/OVC072-  
TOP089/CLR ABV/TA M7/WV 08021/TB LGT 055-072/IC LGT-MOD RIME 072-089

Figure 14. Pilot weather report.

10

8-32  
GIVEN:

PLT328

	WEIGHT (LB)	ARM (IN)	WEIGHT (LB-IN)
Empty weight	1,495.0	101.4	151,593.0
Pilot and Pass	380.0	64.0	-----
Fuel (30 gal usable no reserve)	-----	96.0	-----

The CG is located how far aft of datum?

- A- CG 92.44.
- B- CG 94.01.
- C- CG 119.8.

11

8-31

PLT328

An aircraft is loaded 110 pounds over maximum certificated gross weight. If fuel (gasoline) is drained to bring the aircraft weight within limits, how much fuel should be drained?

- A- 15.7 gallons.
- B- 16.2 gallons.
- C- 18.4 gallons.

12

PLT061

Refer to Figure 14 above

The severity and type of ice reported by a pilot is:

- a. Moderate rime.
- b. Moderate mixed.
- c. Moderate clear.

13

PLT072

Refer to figure 15.)

What is the valid period for the TAF for KMEM?

- A- 1200Z to 1200Z.
- B- 1200Z to 1800Z.
- C- 1800Z to 2400Z the next day.

14

8-13 PLT013

(Refer to figure 36.)

What is the maximum wind velocity for a 30° crosswind if the maximum crosswind component for the airplane is 12 knots?

- A- 16 knots.
- B- 20 knots.
- C- 24 knots.

15

7-14

PLT072

(Refer to figure 15.)

In the TAF for KMEM, what does "SHRA" stand for?

- A- Rain showers.
- B- A shift in wind direction is expected.
- C- A significant change in precipitation is possible.