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Benjamin O. Davis Jr. Collection - Flight Checks - Davis, Benjamin O. 1206-A. (1)

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NAME: ^[[B/GEN. DAVIS, B.O.]]
ORGAN: ^[[USAFE ADVON]]
DATE: ^[[18 Dec 58]]

EMERGENCY C-47 PROCEDURE QUESTIONNAIRE
GENERAL

^[[100%]]

1. How much hydraulic fluid is available for emergency hand pump operating after normal supply has been expended by engine driven pumps?
a. 5 quarts. This does not show on the sight guage.
b. None
c. 3 quarts. This does not show on the sight guage.

2. The function of the hydraulic hand shut-off valve in the OFF (Closed) position is to ^[[enable activation of hydraulic units, except auto pilot by hyd. hand pump.]]

3. The procedure to operate the cowl flaps in the event of loss of hydraulic pressure is: ^[[twin cowl flap handle ON, operate hyd. hand pump, flap handle OFF.]]

4. The parking brake will remain set if you lose all system hydraulic pressure provided there is no malfunction of the brake control valve. Setting the park brake locks pressure in the individual brake actuating cylinder. This pressure is held by the brake control valve.

a. ☒ True
b. ☐ False

5. The purpose of the fire wall shut-off valves is to ^[[shut off flow of fuel forward of fire wall]]

6. The purpose of the auto pilot emergency shut-off valve is to ^[[divert flow of fluid from autopilot system in case of damage to system - prevent loss of fluid.]]

7. The procedure to operate wing flaps in the event of loss of hydraulic pressure is: ^[[move wg flap lever to desired position & operate hyd. hand pump.]]

8. What is the approximate glide angle of a C-47 with both engines feathered?
a. 7.76 degrees may be maintained regardless of gross weight if the appropriate indicated speed for the gross weight is maintained. 5000 feet altitude at 20,000 lbs, gliding range is 14 miles at 106. 10,000 feet altitude at 23,000 lbs, gliding range is 20 miles at 114.

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