



Fort Meade Flying Activity

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Pilot Information File

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Subject: Jump/preheater Cart Directions

Jump/Preheater Cart Directions

1 - PREHEATING

Place hose in nose of aircraft.

Turn on propane tank valve.

Turn on fan motor.

Depress gas button and hold down.

Depress igniter button as necessary to start flame.

Hold gas button down for 30 seconds, then release. If flame goes out, hold down gas button and press igniter again.

Preheat engine for 15 minutes.

Turn propane tank valve off.

Turn fan off when cool air is felt at end of hose.

DO NOT CHANGE THE PREHEATER REGULATOR SETTING!

It is set for 120-130 degrees F. Higher temperatures will damage the preheater and hose, and may cause serious burns to personnel and may damage aircraft parts.

2 - JUMP STARTS

TWO PERSONS ARE REQUIRED FOR THIS OPERATION!

BE SURE OF AIRCRAFT VOLTAGE BEFORE STARTING!

12-volts: T-41 and Arrow

24-volts: C152 and C172P

Make sure battery selector switch on cart is in OFF position.

Insert proper adapter into aircraft receptacle.

For Arrow: insert special adaptor and connect jumper cables to CORRECT POST.

Turn battery switch to correct voltage.

Start aircraft.

Turn battery switch on cart to OFF position.

Carefully remove cables from adaptor or aircraft, close aircraft port.

MOVE AWAY FROM AIRCRAFT CAUTIOUSLY!

Make certain cart is clear before moving aircraft.

-----END OF PIF-----