



## Fort Meade Flying Activity

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Fort Meade, MD 20755

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### *Pilot Information File*

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*PIF #:* 2010-17

*PIF Date:* 13-Dec-2010

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*Subject:* Arrow Pointers

PIF 2010-17 Arrow Pointers

#### Starting the Arrow

##### Cold Start

1. Master ON, Alternator ON, Fuel pump ON, Throttle ½ inch open
  2. Mixture full rich until fuel flow is seen
  3. Mixture full LEAN
  4. Right hand on mixture control, crank engine with left hand until engine starts, keep cranking briefly to ensure prop momentum
  5. Mixture to full RICH, adjust throttle to 1000 rpm as engine smooths
- If engine does not fire after 5 to 10 seconds repeat procedure.

##### Hot Start

1. Master ON, Alt ON, Fuel pump OFF, Throttle ½ inch open
2. Mixture full LEAN
3. Right hand on mixture control, crank engine with left hand until engine starts, keep cranking briefly to ensure prop momentum
4. Mixture to full RICH, adjust throttle to 1000 rpm as engine smooths.
5. If engine does not start successfully. Throttle FULL open, Fuel Pump ON
6. Mixture RICH for 3 to 10 seconds until fuel flow shows >5 gph
7. Follow Flooded Start procedure.

##### Flooded Start

1. Master ON, Alt ON, Fuel pump OFF, Throttle FULL open
2. Mixture IDLE/CUTOFF
3. Right hand on mixture, crank with left hand until engine starts, keep cranking briefly to ensure prop momentum
4. Mixture full RICH, throttle to 1000 rpm as engine smooths.

#### 406 MHz ELT

Do not test the 406 MHz ELT! Any short burst will be detected by the satellite system, and the aircraft will be identified. FMFA will quickly receive a phone call from the Rescue Center. If the aircraft is not on the field, a search-and-rescue effort may be initiated. Only cycle the ELT switch if

the green light next to the switch is ON.