Pocket Checklist

AH-64D AIRCRAFT

48 FT DIA

6 FT 10 IN

11 FT 2 IN

16 FT 4 IN
15 FT 6 IN
9 FT 11 IN
16 FT 1 IN
11 FT 10 IN
13 FT 4 IN
6 FT 8 IN

43 FT 11 IN
38 FT 11 IN
9 FT 2 IN. DIA
17 FT 6 IN
14 FT 1 IN
11 FT 8 IN
9 FT 2 IN
48 FT 2 IN
49 FT 1 IN
57 FT 8 IN
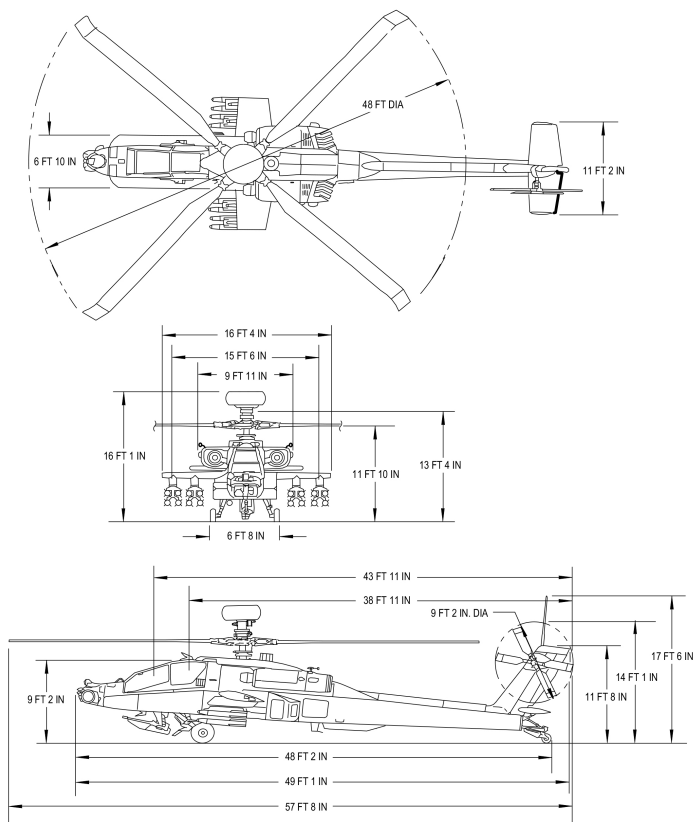
Procedures

DISCLAIMER

This document represents a personal project and is intended for entertainment purposes only. Do not use for training purposes or in real life scenarios.

Contents

Chapter 1

PROCEDURES

Contents

Procedures

1.1 START-UP

1.1.1 INTERIOR CHECKS

•	**Canopy Door (PLT/CPG)**	**As Desired**

LEFT SIDE – BACK TO FRONT		
•	**Lights Panel (PLT/CPG)**	• **EXT LT/INTR LT Panel** . . . . **As Required** *(PLT)* • **INTR LT Panel** . . . . **As Required** *(CPG)*
•	**Power Levers (PLT/CPG)**	**OFF**
•	**ENG START Switches (PLT)**	**OFF**
•	**RTR BRK Switch (PLT)**	**OFF**
•	**NVS MODE Switch (PLT/CPG)**	**OFF**

FRONT PANEL – LEFT TO RIGHT		
•	**KU Brightness Knob (PLT/CPG)**	**As Desired**
•	**VIDEO Panel (PLT)**	**Knobs at 12 o'clock**
•	**MPD/EUFD Brightness Knob (PLT/CPG)**	**As Desired**
•	**CMWS (PLT)**	• **CMWS Control Indicator PWR** . . . . **OFF** • **CMWS/NAV Switch** . . . . **CMWS** • **BYPASS/AUTO Switch** . . . . **AUTO** • **JETTISON Switch** . . . . **OFF**
•	**TEDAC R Grip LT (CPG)**	**OFF**
•	**PARK BRAKE (PLT)**	**SET**, Handle out
•	**Standby Instru-ments (PLT)**	**Check**, caged

RIGHT SIDE – FRONT TO BACK

• **COMM Panel (PLT/CPG)**	**As Desired**
• **HDU (PLT/CPG)**	**As Desired**

1.1.2 APU-START

	PRE APU START	
1.	**MSTR IGN Switch (PLT)**	**BATT**
2.	**Searchlight (PLT)**	**As Required**
3.	**TAIL WHEEL Button (PLT)**	**Locked**, UNLOCKED Light is off
4.	**EMERG HYD Button (PLT/CPG)**	Verify **ON Light** not illuminated
5.	**Cautions (PLT/CPG)**	**Check MSTR WARN, MSTR CAUT, EUFD**
6.	**Fire Test (PLT/CPG)**	(a) **FIRE DET/EXTG TEST** ..... **Position 1** (PLT) (b) **FIRE DET/EXTG TEST** .... **Position 2** (CPG) *In each position, both crewmembers should check the following* • **MSTR WARN** .... **illuminated** • **ENG 1 FIRE** .... **illuminated** • **APU FIRE** .... **illuminated** • **ENG 2 FIRE** .... **illuminated** • **AFT DECK FIRE** .... EUFD Warning • **Voice Warning System** .... activates
	APU START	
7.	**APU (PLT)**	(a) **APU Button** .... **Press & Release** (b) **EUFD** .... **Observe Advisories** • **APU START** • **APU POWER ON** • **ACCUM OIL PRESS LO**
	POST APU START	
8.	**Canopy (PLT/CPG)**	**As Desired**
9.	**DTU Page (PLT/CPG)**	**Select Load**
10.	**Menu Page (PLT/CPG)**	**Perform DMS Sweep**

1.1.3 DMS SWEEP

NOTE

- **Recommended Technique: Clockwise from top right of any page**
- Exact sweep may vary based on mission requirements

• **'M' Page** **(PLT/CPG)**	• **ASE–UTIL**
	– **RLWR VOICE** . . . . **As Desired**
	– **Chaff Settings** . . . . **As Desired**
	– **CHAFF Mode** . . . . **As Desired**
	• **AUTOPAGE** . . . . **As Desired**
• **TSD Page** **(PLT/CPG)**	• **SHOW**
	– **PHASE** . . . . **Select ATK**
	– **THRT SHOW** . . . . **As Desired**
	– **COORD SHOW** . . . . **As Desired**
	– **PHASE** . . . . **Select NAV**
	– **COORD SHOW** . . . . **As Desired**
	• **UTIL**
	– **TIME** . . . . **As Desired**
	– **SYSTEM TIME** . . . . **As Desired**
	• **SCALE** . . . . **As Desired**
	• **CTR** . . . . **As Desired**
	• **RTE**
	– **DIR** . . . . **Set Desired Point**
	• **MAP**
	– **GRID** . . . . **As Desired**
	– **ORIENT** . . . . **As Desired**
	– **COLOR BAND** . . . . **As Desired**
	– **TYPE** . . . . **As Desired**
	• **INST**
	– **UTIL** . . . . **Select**
	– **ADF** . . . . **ON**
	configure as necessary

- **WPN Page**
  (PLT/CPG)

  - **GRAYSCALE** . . . .**Select & Optimize**
  - **BORESIGHT** . . . . **Select & Perform**
    (Both Crewmembers)
  - **GUN**
    - **BURST LIMIT** . . . .**As Desired**
    - **MODE** . . . .**As Desired**
  - **MSL**
    - **CODE** . . . .**Select**
    - **SET** . . . .**Select**
    - **LRFD** . . . .**As Desired**
    - **LST** . . . .**As Desired**
  - **PRI/ALT** . . . .**As Required**
  - **RKT**
    - **INVENTORY** . . . .**As Desired**
    - **QTY** . . . .**As Desired**
  - **ACQ** . . . .**As Desired**
  - **MANRNG** . . . .**As Desired**
    ('A' for Auto-Range)

- **A/C Page**
  (PLT/CPG)

  - **FLT–SET**
    - **HI / LO** . . . .**As Desired**
    - **UNIT** . . . .**As Desired**
    - **ALT or PRES** . . . .**As Desired**
    - **UNIT** . . . .**As Desired**
  - **FUEL–CHECK**
    - **Timer** . . . .**As Desired**
  - **PERF–WT**
    - **AC BASIC** . . . .**Verify/Update**
    - **LEFT AFT BAY** . . . .**Verify/Update**
    - **SURVIVAL KIT BAY** . . . .**Verify/Update**
    - **PILOT** . . . .**Verify/Update**
    - **CPG** . . . .**Verify/Update**
  - **UTIL**
    - **SYSTEM** . . . .**As Desired**

- **COMM Page**
  (PLT/CPG)

  - **MAN**
    - **VHF FREQ** . . . .**Set**
    - **UHF FREQ** . . . .**Set**
    - **FM1 FREQ** . . . .**Set**
    - **FM2 FREQ** . . . .**Set**

NOTE

- **Recommended MPD Setup: Right MPD** set to TSD, **Left MPD** used as *"Working MPD"*

1.1.4 ENGINE-START

PRE ENGINE START

1.	**NVS Mode Switch (PLT/CPG)**	**As Desired**
2.	**Standby ADI (PLT)**	**Uncage**

ENGINE START

3.	**RTR BRK Switch (PLT)**	**OFF** or **LOCK** for rotor lock start
4.	**EXT LT ANTI COL (PLT)**	**WHT** for day, **RED** for night

5.	**ENG 1 Start (PLT)**	(a) **ENG 1 START Switch** . . . .**START**
		(b) **EUFD** . . . . **ENG 1 START**
		(c) **ENG TGT** . . . . < 80 deg C
		(d) **Power Lever** . . . . **IDLE**
		(e) **Monitor**
		     • **TGT**
		     • **NG**
		     • **MSTR WARN/CAUT**
		     • **EUFD**

6.	**ENG 2 Start (PLT)**	(a) **ENG 2 START Switch** . . . .**START**
		(b) **EUFD** . . . . **ENG 2 START**
		(c) **ENG TGT** . . . . < 80 deg C
		(d) **Power Lever** . . . . **IDLE**
		(e) **Monitor**
		     • **TGT**
		     • **NG**
		     • **MSTR WARN/CAUT**
		     • **EUFD**

7.	**RTR BRK Switch (PLT)**	**OFF**
8.	**Stabilized Parameters (PLT)**	• **ENG 1 & 2 OIL PRES** – < 70 PSI • **NGB TEMP** – > 20 deg C

9.	**Power Levers (PLT)**	Advance smoothly to **FLY**
10.	**NP & NR (PLT)**	Verify 101%
11.	**APU (PLT)**	**OFF**

1.1.5 PRE-TAXI

1.	**EXT LT Panel (PLT)**	Verify **NAV** lights set to **BRT**, **ANTI-COL** Set as required
2.	**Searchlight (PLT/CPG)**	**As Required**
3.	**PARKING BRAKE (PLT)**	**Released**, Handle in
4.	**TAIL WHEEL Button (PLT)**	UNLOCK as desired