

AH-64D

APACHE

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BEFORE START CHECKLIST

- STORES.....LOAD
- DOORS.....CLOSE
- EXT./INT. LGTs.....SET
- PWR LEVERs.....OFF
- ROTOR BRAKE.....OFF
- PARKING BRAKE.....SET
- MSTR IGN.....BATT
- SEARCH LGT.....AS REQ.
- TAIL WHEEL.....LOCKED
- MSTR WARN/CAUT & EUFD...CHECK
- LGTs/FIRE DET/EXTG PNL....TEST
- APU.....START
- APU ON LGT.....ON
- TSD.....UTIL
- DOPPLER.....ON
- POINTS+ROUTE.....SET
- DMS SWEEP.....PERFORM
ASE/UTIL/TSD/SCALE/RTE/MAP
- COM.....MAN
- RADIO FREQs.....SET
- FUEL.....C AUX ON/AUTO
- FUEL XFEED.....NORM
- WPN/UTIL.....GUN/MSL/RKT ENABLE
- WPNs.....SET
- IHADSS BORESIGHT.....PERFORM
- NVS MODE.....SET
- SAI.....UNCAGE

START CHECKLIST

- ENG #1.....START
WHEN NG% POSITIVE & TGT < 80°C
- ENG #1 PWR LVR.....IDLE
AFTER ENGINE #1 STABILIZED
- ENG #2.....START
WHEN NG% POSITIVE & TGT < 80°C
- ENG #2 PWR LVR.....IDLE
WHILE ENGINE #2 STABILIZING
- ENG.....SYS PAGE
AFTER BOTH OIL PRESS < 70 PSI & NGB > 20°C
- PWR LEVERs.....FLY
- APU.....OFF

AFTER START CHECKLIST

- NAV LGTs.....BRT
- ANTI-COL LGT...ON (WHT-DAY/RED-NGT)
- INUs ALIGNMENT.....CHECK
- TSD.....UTIL
- POS. CONFIDENCE.....GREEN
- PARKING BRAKE.....OFF

HOVER CHECK

- TAIL WHEEL.....LOCKED
- SYSTEMs.....CHECK
FUEL/EUFD/ASE/AVNCS-XPDER-COMM-NAV
- HOVER PWR CHECK.....PERFORM

TAKE OFF CHECKLIST

FROM A HOVER

- WIND.....CHECK
- TRANSITION SYMBOLOGY..SELECT
- FORCE TRIM RLS BUT.....PRESS & HLD
- CYCLIC.....FWD
- CLIMB ATTITUDE.....90KT
- FORCE TRIM RLS BUT.....RELEASE

AFTER TAKEOFF CHECKLIST

- LIGHTS.....AS REQ.
- ARMAMENT.....AS REQ.

AI MENU CONTROLS

PILOT CMWS OPERATOR

- UP SHORT.....CMWS ARM/SAFE
- DOWN SHORT.....CMWS AUTO/BYPASS

PILOT GEORGE COMMANDS

TARGET DESIGNATION

- LEFT SHORT.....CPG WPN GUN-MSL-RKT
- LEFT LONG.....MSL (SAL/RF) or
RKT (HE-ILL-MPP-SMK)
- RIGHT SHORT.....MSL (LOBL/LOAL) or
RKT (QTY) or
GUN (BURST)
- RIGHT LONG.....MSL (TRAJ/DIR-LO-HI)
- UP SHORT.....SLAVE TADS TO PHS (TGT LIST)
- UP LONG.....ROE TOGGLE
- DOWN SHORT...CEASE LASER & STOP TRKING
- DOWN LONG.....REPEAT SEARCH ON TADS LOS

TARGET LIST

- LEFT SHORT.....CANCELS TGT SEL.
- RIGHT SHORT.....SELECTS TGT
- UP SHORT.....MOVES UP ON TGT LIST
- DOWN SHORT.....MOVES DWN ON TGT LIST

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APPROACH AND LANDING CHECKLIST

- A/S.....SAFE
- GND ORIDE BUT.....OFF
- ASE.....AS REQ.
- TAIL WHEEL.....LOCKED
- PARK BRAKE.....RELEASED

APPROACH TO A HOVER

- LOS RETICLE...AIM ON POINT OF LAND.
- FORCE TRIM RLS BUT.....PRESS & HLD
- COLLECTIVE.....20% BLW CRUISE TRQ
- ACCELERAT. CUE...40KT GND SPD POS.
- RATE OF DESC.....500FPM OR AS DES.
- FPV...SLIGHTLY ABOVE POINT OF LAND.

PRIOR TO DESC. BLW 50 FT OR OBST.

- OBSTACLES.....CHECK
- TRIM BALL.....CENTERED
- 5 FT HOVER.....STABLISH
- TAXI/LANDING.....PERFORM

ROLLING LANDING

- LOS RETICLE...AIM ON POINT OF LAND.
- FORCE TRIM RLS BUT.....PRESS & HLD
- COLLECTIVE.....20% BLW CRUISE TRQ
- ACCELERAT. CUE...40KT GND SPD POS.
- RATE OF DESC...300/500FPM OR AS DES
- FPV...SLIGHTLY ABOVE POINT OF LAND.

PRIOR TO DESC. BLW 50 FT OR OBST.

- OBSTACLES.....CHECK
- TRIM BALL.....CENTERED
- ALIGN LANDING DIRECTION..PERFORM
- SPEED.....AT OR ABOVE ETL/VSDE

UPON TOUCH DOWN

- COLLECTIVE.....REDUCE TO SETTLE
- COLLECTIVE.....ADV TO 30%

- COLLECTIVE..APPLY TO BRAKE AEROD.
- HOVER SYMBOLOGY.....SELECT
- TOE BRAKES.....AS REQ.
- TAXI.....PERFORM

AFTER LANDING CHECKLIST

- TAIL WHEEL.....AS REQ.
- EXT./INT. LGTs.....AS REQ
- TRANSPONDER.....STBY

SHUTDOWN CHECKLIST

- APU.....START
- APU PWR ON LGT.....ON
- TAIL WHEEL.....LOCKED
- PARKING BRAKE.....SET
- PWR LEVER.....IDLE

2 MIN. TIMER ON EUFD

- SAI.....CAGE
- CMWS CTRL IND.....OFF
- NVS MODE.....OFF
- ACM SW.....OFF
- PWR LEVERs.....OFF

- ROTOR BRAKE.....ON (Nr<50%)
- STABILATOR.....SET TO 0°
- SRCH LGT.....OFF
- ROTOR BRAKE.....OFF (Nr=0%)
- EXT./INT. LGTs.....OFF
- INTR LGT PNL SWs.....OFF

VS1.0