

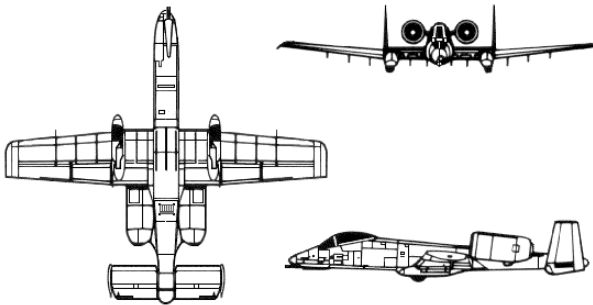
DCS A-10C Warthog

CREW CHECKLIST NORMAL PROCEDURES

Serno 75-00258 and Subsequent

NOT FOR REAL WORLD OPERATIONS

THIS DOCUMENT IS MADE FOR USE WITH
DIGITAL COMBAT SIMULATOR (DCS)



APPROVED FOR RELEASE TO ALL
DCS PILOTS

OpenFlightSchool.de
Last change: See Header on each page

NOTES**BOLD TEXT - BASIC CHECKS**

NORMAL TEXT - FULL CHECKS

ITALIC TEXT - GUIDANCE

Title Case - Flight profile guidance

~~Strikeout~~ - Check not implemented

GREY - Not Required in DCS.

Ⓜ - Important for TM Warthog users.

Abbreviations

ARM ARMAMENT
 CONT CONTROL
 CTR CENTER
 CTRL CONTROL
 DISENG DISENGAGE
 DSRD DESIRED
 EMER EMERGENCY
 GND GROUND
 GS GROUNDSPED
 LTS LIGHTS
 NCL NORMAL CHECKLIST
 PNL PANEL
 RMT REMOTE
 OVR OVERRIDE
 SW SWITCH

NORMAL CHECKLIST (NCL)**NIGHT OPS**

- EMER FLOOD AS REQD

COCKPIT INTERIOR CHECKLEFT CONSOLE

ARM GND SAFETY SW SAFE

UTILITY LIGHT STOWED

~~IFF ANTENNA BOTH~~~~SATCOM ANTENNA AS REQD~~

EGI HQ TOD SW AS REQD

CCTVS/DVADR RMT CTRL PNL . OFF

~~KY 58 OFF/SET~~

INTERCOM CTRL SET

VHF/FM CTRL PNL OFF/SET

UHF CTRL PNL ON/SET

VHF/AM CTRL PNL OFF/SET

EMER FLIGHT CTRL PNL SET

- FLAP EMER RETR SW AFT

- FLT CONT SW NORM

- AILERON EMER DISEN CTR

- ELEVATOR EMER DISEN CTR

- SPD BK EMER RETR AFT

- PITCH/ROLL OVR TRIM NORM

IFF OFF/SET

HARS/SARS OVERRIDE NORM

REFUEL STAT INDEXER LTS SET

NVIS LTS SW OFF

Ⓜ **THROTTLE MSTR EXT LTS AFT**

Ⓜ **THROTTLES OFF**

Ⓜ **FLAP LEVER FLAP POSN**

Ⓜ **SPEED BRAKE SET***

* Set center if SPD BRK are open and forward if SPD BRK are closed.

Ⓜ **APU SWITCH OFF**

Ⓜ **ENG OPR SW NORM**

Ⓜ **ENG FUEL FLOW NORM**

Ⓜ **EAC SWITCH OFF**

Ⓜ **RDR ALTM..... NRM**

FUEL SYSTEM CTRL PNL SET

- BOOST PUMPS MAIN MAIN

- BOOST PUMPS WING WING

- MAIN FILL DISABLE DEPRESS

- WING FILL DISABLE DEPRESS

- AIR REFUEL CTRL CLOSE

- TANK GATE SW CLOSE

- CROSSFEED SW OFF

- EXT TANK SW OFF

- SIGNAL AMPLIFIER SW ... NORM

EMER BRAKE SET

- If starting L ENG first PUSH IN

- If starting R ENG first .. PULL OUT

INSTRUMENT PANEL

LDG GEAR DOWN

LAND/TAXI LIGHTS OFF

AHCP SET

- MASTER ARM SAFE

- GUN/PAC ARM SAFE

- LASER ARM SAFE

- TGP OFF

- ALT SCE AS DSRD

- HUD MODE AS DSRD

- CICU OFF

- JTRS OFF

- IFFCC OFF

MFCD (L/R) OFF

SAI CAGE

ACCELEROMETER RESET

FIRE HANDELS IN

FIRE EXTING DISCH CTR POSN

STANDBY COMPASS CHECK

AUX LG GEAR EXT IN

CIRCUIT BREAKERS CHECK

RIGHT CONSOLE

ELECTRICAL PWR CTRL SET
 - APU GENERATOR OFF/RESET
 - INVERTER SWITCH OFF
 - AC GEN (L/R) PWR
 - BATTERY SWITCH OFF
 - EMER FLOOD AS REQD

CMSP SET
 - MODE SWITCH OFF
 - SYSTEM SWITCHES OFF

ILS CONTROLS OFF/SET

AAP SET
 - CDU SWITCH OFF
 - EGI SWITCH OFF
 - PAGE KNOB OTHER
 - STEER PT KNOB MISSION

OXYGEN SYSTEM CHECK

ENVIRONMENTAL CTRL SET
 BLEED AIR SW BLEED AIR
 MAIN AIR SUPPLY SW SUPPLY
 TACAN CTRL OFF/SET

EXTERIOR LIGHTING SET
 - **POSITION LIGHTS FLASH**
 - FORMATION LIGHTS ON
 ** For nights OPS only.*

HARS CONTROLS SET

PRIOR TO ENGINE START

BATTERY SWITCH PWR
INVERTER SWITCH STBY*

** Check INST INV & L/R ENG HOT
 signal lights going OFF.*

ENGINE INSTRUMENTS CHECK
 - ITT INDICATOR < 150°C*
 ** OFF flag not visible.*

FIRE DETECT/BLEED AIR LEAK
 - BUTTON DEPRESS*
 SIGNAL LIGHTS TEST

GEAR LIGHTS CHECK*
 ** Three green, no red.*

CLOCK SET
FUEL QUANTITY CHECK*

** Set FUEL DISPLAY SEL to INT.*
 FUEL TEST IND DEPRESS*
 ** Should show 5,900 lbs.*

OXYGEN QUANTITY CHECK
 - OXYGEN SUPPLY LEVER ON
 - OXY LOW CAUTION LIGHT ... OFF
 - OXY IND TEST BTN DEPRESS*
 ** Oxy low caution light on at 0.5 liter.*

APU SWITCH START*
 ** Or request for external air.*

APU ENG INSTR CHECK*

** See GROUND IDLE values.*

GROUND IDLE APU	
RPM	~ 100%
EGT	~ 400 - 450° C

L-FUEL PRESS LIGHT ... CHECK OFF
APU GEN SW PWR*

CAUTION
<i>The APU generator is the only source of power for electric fan cooling of the APU hydraulic pump. Therefore, do not operate the APU for more than 5 minutes with the APU generator OFF.</i>

AAP SET
- CDU SWITCH ON
- EGI SWITCH ON

SEAT ADJUST

AHCP SET
- IFFCC SW TEST*
** Start the test with UFC ENT.*

INTERIOR LIGHTING AS DSRD
 EXTERIOR LIGHTS AS REQD
 - POSITION LIGHTS FLASH
 - ANTI-COLL LIGHT OFF
 - FORMATION LIGHTS OFF*
** ON at night ops only.*

VHF/AM PANEL CHECK/TR*

UHF PANEL SET/MAIN*
 VHF/FM PANEL CHECK/TR*
**Frequency/Presets check, set as req.*

STARTING ENGINES

NOTE
<i>Normal brakes will be available if the left engine is started first. Should the right engine be started first, pull the EMER BRAKE handle.</i>

NOTE
<i>If the right engine must be started first, without AC power available, select CROSSFEED to provide positive fuel pressure.</i>

CAUTION
<i>Attempting to start with ITT above 150° C will result in a hot start.</i>

ATC REQUEST ENG STARTUP

LEFT THROTTLE IDLE
 ENG OPER SW NORM*
** If used for motoring.*

NOTE
<i>MASTER CAUTION and APU GEN light going on at approximately 52% core rpm (when L-GEN light goes off) is normal behaviour. Reset the MASTER CAUTION.</i>

MASTER CAUTION RESET

Do next steps when signal lamp ENG
START CYCLE is off.

LEFT ENG INSTR CHECK*

* See GROUND IDLE values.

GROUND IDLE TF-34-GE-100A

RPM ~ 60%

EGT..... ~ 550° C

HYD PRESSURE L CHECK*

* Normalize at 2,800 - 3,350 PSI.

FLIGHT CONTROLS CHECK**RIGHT THROTTLE IDLE**

ENG OPER SW NORM*

* If used for motoring.

RIGHT ENG INSTR CHECK*

* See GROUND IDLE values.

HYD PRESSURE R CHECK*

* Normalize at 2,800 - 3,350 PSI.

NOTE

Transient ITT of up to 900 °C for no more
than 12 seconds is acceptable during
start.

AC GEN CHECK*

* L/R-GEN signal light are off.

INSTRUMENT INVERTER .. CHECK*

* INV OFF ... check,

TEST hold ... check,

back to STBY.

EXTERIOR LIGHTS AS REQD

- LAND/TAXI LGT SWOFF

- **POSITION LIGHTS STEADY**

- ANTI-COLL LIGHT OFF

- FORMATION LIGHTS OFF*

* ON at night ops only.

BEFORE TAXI

IFF STBY

CROSSFEED OFF

EMER BRAKE HANDLE .. FULL FWD

TISL CAGE/AS REQD

ILS CHECK/PWR*

TACAN CHECK / T/R*

*Frequency check, set as req.

WNDSHLD DEFOG/DEICE AS REQD

FLAPS CYCLE

SPEED BRAKES CHECK

FLIGHT CONTROLS CHECK

SAS CHECK

- ANTI-SKID ANTI-SKID

- SAS ENGAGE

- SAS TEST

- ANTI-SKID SWITCH OFF

TRIM CHECK

T/O TRIM DEPRESS*

* T/O TRIM light illuminates.

After EGI INS align*

* Wait until INS NAV RDY
and 4.0.0.8 on the CDU.

IFFCC PREFLIGHT BIT . CHECK*

* Min. 3 minutes after starting EGI
alignment.

CMSP SET
- JETTISON SWITCH AFT/OFF
- MODE SWITCH STBY
- SUBSYSTEMS AS REQD
- RWRTEST/SET AS REQD

IFFCC BIT FAULTS CLEAR
IFFCC DATA VERIFY/ENTER
IFFCC SW ON

JTRS SW ON/AS REQD
CICU SW ON
TGP SW ON/AS REQD

MFCDs DAY/NT (AS REQD)

MFCD DTS UPLOAD . LOAD ALL*
* Wait until bullets reappear.

MFCD (R) CDU

CDU ALIGN PAGE NAV LSK
CDU DATA VERIFY/ENTER

NMSP EGI & STR PT
* Or ANCHR/TACAN, AS DSRD.

MFCD (L) STAT PAGE*
* Check/Record/Clear MFLs.

MFCD (L) DSMS PAGE*
* Enter Profile Data, as required.

MFCD (L) TAD*
* Set OWN ID and GRP ID.

TACAN TEST

FLIGHT INSTRUMENTS CHECK
- **SAI UNCAGE**
- **ALTIMETER SET/CHECK**
- ADI CHECK MOVEMENT
- VVI ZERO
- AIRSPEED INDICATOR CHECK

SAS ENGAGE

MMCB AS REQD*
* Master Mode Ctrl Btn on stick.

APU GEN SW OFF/RESET*
* Prior to apu shutdown.

APU SWITCH OFF

LADDER STOWED*
* Request crew chief stow ladder.

IDLE CORE RPM CHECK*
* Rapidly move throttles (one at a
time) from IDLE to MAX then with hard
chop motion back to IDLE
(IDLE-MAX-IDLE in 2 seconds or less).

NOTE

*When throttle is moved from
IDLE-MAX-IDLE in 2 seconds or less, core
RPM will not exceed 70%.*

*Stabilize at IDLE for 10 seconds with
throttle against IDLE stop.*

EAC SWITCH ARM
CHOCKS REMOVED

EXTERIOR LIGHTS AS REQD
- POSITION LIGHTS STEADY
- ANTI-COLL LIGHT OFF
- FORMATION LIGHTS OFF*
* ON at night ops only.

LAND/TAXI LGT SW TAXI

Optional:

AAP SHOW GS SET
- PAGE KNOB POSITION
CDU SHOW GS SET*

* To switch CDU to GS press OSB7.

TAXI

ATC TAXI CLEARANCE
NWS ENGAGE
THROTTLES AS REQD
BRAKES CHECK
TURN NEEDLE CHECK
CANOPY AS DESIRED

WARNING

*Maximum gross weight for taxiing is
46,000 lb.*

*During turns while taxiing near 46,000 lb
gross weight, reduce taxi speed and
widen turn radius to avoid damage to the
nose wheel and/or strut assembly. Use
approximately five knots as a guide for
speed during wide turns. If a sharp turn is
required, further reduce taxi speed to
minimum practical, approximately three
knots or normal walking pace.*

BEFORE TAKEOFF

ENGINE INSTRUMENTS CHECK
FLAPS SET MVR

* Set MVR for takeoff = 7°.

SPEED BRAKES CLOSED
IFF AS REQD
TAKEOFF TRIM CHECK
CMSP AS REQD
TACAN SET
NMSP AS REQD
OXYGEN REGULATOR AS REQD
CANOPY DEFOG CTRL AS REQD

WINDSHLD DEFOG/DEICE AS REQD
HARNES CONNECTIONS ... CHECK

CANOPY CLOSED & LOCKED*

** Check signal light is off.*

EJECTION SEAT ARMED

EXTERIOR LIGHTS AS REQD

- POSITION LIGHTS STEADY

- **ANTI-COLL LIGHT FLASH***

** Only the last ship of formation.*

- FORMATION LIGHTS OFF*

** ON at night ops only.*

LAND/TAXI LGT SW LAND

HUD IAS DISPLAY

NVGS ADJUST AND STOW*

** If applicable.*

ATC T/O CLEARANCE

ALTIMETER CHECK

IN & OUT VECTOR CHECK

LINE-UP CHECKS

FLIGHT INSTRUMENTS CHECK

ANTI-SKID SW ANTI-SKID

PITOT HEAT SW PITOT HEAT

APU GEN SW OFF/RESET

APU SWITCH OFF

BRAKES SET

THROTTLES 90% CORE RPM

ENG INSTRUMENTS CHECK

WARN AND CAUTION LGT .. CHECK

TAKEOFF

NWS AS REQD

BRAKES RELEASE

THROTTLES MAX

ENG INSTRUMENTS CHECK

NWS OFF*

** Disable at 50 KTS to avoid damage.*

AFTER TAKEOFF

GEAR UP*

** Check lights are off.*

FLAPS UP*

** 10 KTS above takeoff speed.*

FLIGHT

ENGINE GAUGES IN GREEN*

FUEL CHECK*

OXYGEN CHECK*

** Frequently check.*

TRIM AS REQD

MFCD CYCLE, AS REQD

RADIO CHANNELS AS REQD

WINGMAN ... FORMATION & ROUTE

ALTIMETER SET STD*

** If climb above transition altitude.*

BEFORE LANDING

ILS PWR CONTROL KNOB ON*

ILS FREQUENCY SET*

TACAN MODE SELECTOR ON*

TACAN FREQUENCY SET*
 NMSP ILS or TCN*
 * Choose the type of navigation.

NVGS .. REMOVE/STOW (AS REQD)

ATC CALL INBOUND
 HUD ENSURE IN NAV MODE
 FUEL CHECK QUANTITY

Radio Flight - Notify FLT you are on
 initial final approach.

At IAF - follow ATC guidance unless
 Visual Approach.

ALTIMETER CHECK
ANTI-SKID SW ANTI-SKID
LAND/TAXI LGT SW LAND

CANOPY DEFOG CTRL AS REQD
 WNDSHLD DEFOG/DEICE AS REQD
 SPEED BRAKES AS REQD
 NVIS LIGHTS SWITCH AS REQD

FLAPS DOWN (20°)*
 * Airspeed below 200 KTS.

GEAR HANDLE DOWN
 * Airspeed below 200 KTS.

ATC REQUEST LANDING

AFTER LANDING

After Touchdown

THROTTLES AS REQD
SPEED BRAKES AS REQD
WHEEL BRAKES AS REQD
NWS AS REQD*
 * Enabled only if speed is below 60 kts.

After Clearing the Runway

ANTI-SKID SWITCH OFF
EJECTION SEAT SAFE
 CANOPY AS DESIRED
 CCTVS/DVADR OFF
 TACAN/ILS OFF

EXTERIOR LIGHTS

- **POSITION LIGHTS FLASH**
 - **ANTI-COLL LIGHT FLASH***

* Only the last ship of formation.

- FORMATION LIGHTS OFF*

- **LAND/TAXI LIGHT TAXI***
 * At night ops only.

IFFCC BIT FAULT RECORD
 MFCD SELECT STAT PAGE*

* Check/record mfls.

CMSP MODE SWITCH STBY
 CMSP SYSTEM SWITCHES OFF
 CMSP OFF

WNDSHLD DEFOG/DEICE OFF

PITOT HEAT OFF
FLAPS FULL UP
SPEED BRAKES CLOSED

ENG SHUTDOWN

BRAKES HOLD*
** Until chocks are installed.*

IFF OFF
 SAI CAGE

AHCP SET
 - MASTER ARM SAFE
 - GUN/PAC SAFE
 - LASER SAFE
 - TGP OFF
 - ALT SCE AS DESIRED
 - HUD MODE AS DESIRED

CICU OFF
JTRS OFF
IFFCC OFF

MFCD (L/R) OFF

AAP SET
 - **EGI SWITCH OFF**
 - **CDU SWITCH OFF**

TISL OFF
 SEAT FULL UP

LEFT THROTTLE OFF*
** After 5 minutes at IDLE.
 Taxi time may be included if core
 rpm does not exceed 80%.*

FLIGHT CONTROLS CHECK*
** After left hydraulic pressure bleed off.*

RIGHT THROTTLE OFF
INVERTER SWITCH OFF
BATTERY SWITCH OFF
VHF/FM, VHF/AM, UHF OFF
OXYGEN OFF

BOARDING LADDER DEPLOY
CANOPY OPEN

FENCE IN

TACAN/NAV AS REQD
 FUEL CHECK*
 * *Balance and BINGO.*
 EXT LIGHTS OFF
 CMSP (MWS/JMR/RWR) ON
 CMSP MODE AS REQD
 CMSP PROG AS REQD
 ECM PROG AS REQD
 MASTER ARM ON
 GUN/PAC AS REQD
 TGP ON
 LASER ARM ON
 DSMS SET
 AGM MSL
 AGM EO CHECK ON
 AIM9 COOL MSL OFF
 CONTACT JTAC AS REQD

FENCE OUT

STICK MASTER MODE NAV
 TACAN AS REQD
 MASTER ARM SAFE
 GUN/PAC SAFE
 TGP OFF
 LASER ARM SAFE
 CMSP MODE STBY
 AGM EO OFF
 EXT LIGHTS ON
 FLIGHT CHECK DAMAGE/FUEL

WEAPONS GAU-8**ROCKETS****UNGUIDED BOMBS (CCIP)**

AERIAL REFUELING

CONTACT TANKER REQ REFUEL
 TACAN REC/SET
 MASTER ARM SAFE
 GUN/PAC SAFE
 TGP OFF
 LASER ARM SAFE
 DSMS STATS DESELECT ALL

Precontact *

** Pre-contact position is 1 nm
 behind the tanker, in trail.*

CMSP MODE STBY
 RCVR LT AS REQD
 EXT LT AS REQD
 AIR REFUEL LEVER OPEN*

** Check READY light on.
 EAC is disabled and autopilot
 will not work.*

Contact

AIR REFUEL STATUS LT ... LATCHED
 FUEL FLOW CHECK

Disconnect

REFUEL/RESET PRESS NWS*
 AIR REFUEL STATUS LT DISCON

** Press and hold until LT is shown.
 For another contact press refuel/reset
 button (NWS) confirm READY light on.*

Post Air Refueling

AIR REFUEL LEVER CLOSED*
 FUEL QUANTITY CHECK
 RCVR LT OFF
 EXT LT AS REQD

** READY LT will stay on 3 minutes after
 the refuel control lever is closed.*

OPERATING DATA
Will be added later!