

vJabOG 66
1. "Black Dragons"

A-10C
FLIGHTCREW CHECKLISTS



NORMAL PROCEDURES

**PUBLIC RELEASE
APPROVED**



Revision 11
Letzte Änderung 11.09.2018

Änderungsübersicht

Rev 1	16.08.2016	-	Initiale Version
Rev 6	24.01.2017	-	Geändert: FENCE CHECKS: TNC R + Fuel Check
Rev 7	25.02.2017	-	Geändert: BEFORE TAKEOFF: ANTI-SKID + TAKEOFF TRIM - Formatierung geändert (Titelblatt, Revisionsübersicht) - Seitenumbrüche für spätere Sortierung eingefügt - Reihenfolge angepasst
Rev 8	12.07.2017	-	Geändert: Anti-Collision Lights erst bei Einfahrt auf Runway (wie in 66-SOP beschrieben)
Rev 9	01.12.2017	-	Formatierung geändert (von A5 auf A4, zweispaltig, ...) - Diverse Bemerkungen und Warnungen eingefügt - Viele Elemente umstrukturiert/ergänzt/gelöscht
Rev 10	10.07.2018	-	FOR INTERNAL USE ONLY entfernt - PUBLIC RELEASE APPROVED hinzugefügt
Rev 11	11.09.2018	-	Korrektur von Schreibfehlern

Gültigkeitsbereich

Dieses Dokument ist für das Flugmuster A-10C der 1. "Black Dragons" gültig.



VORWORT	4
BEFORE ENTERING COCKPIT	6
COCKPIT INTERIOR CHECK	6
BEFORE ENGINE START	7
ENGINE START	7
BEFORE TAXI	8
TAXI	9
BEFORE TAKEOFF	9
LINEUP CHECK	9
TAKEOFF	9
AFTER TAKEOFF	10
FLIGHT	10
CLIMB ABOVE TRANSITION ALTITUDE	10
DESCENT BELOW TRANSITION LEVEL	10
FENCE IN	11
FENCE OUT	11
AERIAL REFUELING	11
DESCENT / BEFORE LANDING	13
AFTER LANDING	13
ENGINE SHUTDOWN	13



VORWORT

Die gekürzten Checklisten für das Muster A-10C der ersten Staffel "Black Dragons" des virtuellen Jagdbombengeschwaders 66 wurden nach bestem Wissen und Gewissen erstellt.

Die einzelnen Teilbereiche wurden, soweit möglich, anhand von realen Vorbildern und Dokumenten erstellt und niedergeschrieben. Wenn keine realen Dokumente zur Verfügung standen oder wenn der Geschwaderstab entschieden hat, Abstriche für die Praktikabilität oder das Gameplay zu machen, dann sind die hier dargestellten Prozeduren nach unserem besten Wissen über die militärische und zivile Luftfahrt ausgearbeitet worden.

Sollten Rechtschreibfehler oder Fehler inhaltlicher Natur gefunden werden, meldet diese bitte dem Geschwaderstab oder der Staffelführung.

vJaBoG 66, Geschwaderstab/1. "Black Dragons" Staffelführung
Raku, Borin, Yurgon



Use these abbreviated checklists only if you are familiar with 661-NP-A-10C in its current revision.

This document is an highly abbreviated version of the normal procedures, i.e. remarks and checks a pilot is supposed to be familiar with are not listed.

In the sense of DCS, these checklists are abbreviated to use as a reminder in the kneeboard.



BEFORE ENTERING COCKPIT

1. All hardware devices - Tested
2. Additional external programs - On and tested
3. Screen - Cleaned
4. Flight publications - Check

NOTE

Make sure your joystick, throttle, rudder pedals, TrackIR, MFDs, screens and other peripheral hardware devices are functioning properly, your screen is cleaned, every necessary software like Helios, SRS, Teamspeak, SSA is up and running and that you have all necessary documents/flight publications with you.

5. Beverages - Tested and quantity checked
6. Internal water tank - Check max quantity 10%

COCKPIT INTERIOR CHECK

1. Kneeboard - Check
2. Ordnance - Check / as briefed
3. Fuel quantity - Check / as briefed

NOTE

If necessary, rearm and refuel as briefed or as required.

4. Emergency flood light switch - As desired

LEFT CONSOLE

1. UHF controls - ON
2. Radar altimeter - NRM
3. Throttle Master Exterior Light switch - AFT
4. Throttles - OFF
5. Flap lever - Set to flap position
6. Fuel system controls - Set

- a. Main boost pump switches (L and R) - MAIN
- b. Wing boost pump switches (L and R) - WING

7. Emergency brake handle - Push IN (if starting left engine first); pull OUT (if starting right engine first)

INSTRUMENT PANEL

1. AHCP - Set
 - a. MASTER armament - SAFE
 - b. GUN / PAC armament - SAFE
 - c. LASER armament - SAFE
 - d. TGP - OFF
 - e. ALT SCE - As desired
 - f. HUD MODE - As desired
 - g. CICU - OFF
 - h. JTRS - OFF
 - i. IFFCC - OFF

2. Accelerometer - Reset
3. Standby compass - Check
4. Circuit breakers - Check closed

RIGHT CONSOLE

1. Electrical power controls - Set
 - a. APU generator switch - OFF / RESET
 - b. Inverter switch - OFF
 - c. AC generator switches - PWR (L and R)
 - d. Battery switch - OFF
2. CMSP - Set
3. AAP - Set
4. Oxygen system - Check



BEFORE ENGINE START

1. Battery - PWR
2. Inverter - STBY

NOTE

The following caution lights should go out: INST INV, L/R ENG HOT

3. Engine instruments - Check.
4. Fire detect / bleed air leak test button - Depress.
5. Gear lights - check (three green, no red)
6. Signal lights - Test
7. Fuel quantity - Check
8. Oxygen quantity - Check
9. APU switch - START
10. APU generator switch - PWR

CAUTION

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.

11. AAP - Set
 - a. CDU - ON
 - b. EGI - ON
12. IFFCC - TEST
13. Exterior lighting - Set
 - a. Position lights - FLASH
 - b. Anti-collision lights - OFF
 - c. Formation lights - OFF
 - d. Landing / taxi light - OFF

14. Cockpit lighting - As desired
15. VHF AM radio - TR / set
16. UHF radio - set
17. VHF FM radio - TR / set
18. Mic - Click all radios when using SRS

ENGINE START

NOTE

- Normal brakes will be available if the left engine is started first. Should the right engine be started first, pull the emergency brake handle.
- If the right engine must be started first, without AC power available, select CROSSFEED to provide positive fuel pressure. Pull out EMER BRAKE handle.

1. Left engine - Start

Prior to engine start, it will be necessary to motor the engine if the Interstage Turbine Temperature (ITT) is above 150°C.

- a. Left throttle - IDLE
- b. Left Engine Operate switch - NORMAL (if used for motoring)
- c. Left hydraulics and oil - Check
- d. L-GEN light - Check off at approximately 52% core rpm

NOTE

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.

- e. ENG START CYCLE light - OFF

2. Left engine instruments - Check
 - a. Idle RPM - Check
 - b. Left engine caution lights - OFF
3. Flight controls - Check
4. Right engine - Start



Repeat Step 1 through Step 3 using right engine controls and indicators.

5. AC generators - Check
6. Instrument inverter - Check
7. Exterior Lights - Set
 - a. Position lights - STEADY
 - b. Anti-collision lights - OFF
 - c. Formation lights - ON (only at nighttime)
 - d. Landing / taxi light - OFF

BEFORE TAXI

1. Oxygen supply lever - ON
2. Radio volume - Check
3. Radio frequencies - Set / As required
4. Radio presets - Set / As required
5. Crossfeed - Off
6. Emergency brake handle - Full forward
7. CMSP - Set
 - a. Jettison switch - Aft (off)
 - b. Subsystems switches - As required
8. ILS - PWR / set
9. TACAN - T/R / set
10. Signal lights - Test
11. Flaps - Cycle
12. Speed brakes - Check
13. Flight controls - Check
14. SAS - Check
 - a. Anti-skid switch - ANTI-SKID
 - b. SAS switches - ENGAGE

- c. SAS - Test

15. Trim - Check
16. Takeoff trim button - Depress.
17. IFFCC - BIT - check
18. AHCP - IFFCC switch - ON

After EGLINS alignment is complete:

19. AHCP - Set
 - a. JTRS switch - ON / as required
 - b. CICU switch - ON
 - c. TGP switch - ON
20. MFCD (L/R) - As desired
21. MFCD (LOAD Page displayed) - Load data (as required)
22. CDU - ALIGN page - Depress NAV LSK
23. CDU data - Verify / enter
24. NMPS - EGI and STR PT, ANCHR, or TACAN, as desired.
26. MFCD - DSMS Page - Enter Profile Data, as required
27. MFCD - TAD Page - Set OWN ID and GRP ID
28. CMSP - MODE switch - STBY
29. CMSP - RWS - Set / as required
30. Flight instruments - check
31. IFFCC - BIT - Check
32. SAS - Engage
33. AHCP - IFFCC Switch - ON
34. Stick MMCB - As required
35. Altimeter - Set / check
36. APU generator switch - OFF / RESET
37. APU switch - As required



CAUTION

Allow at least 2 minutes after ENG START CYCLE light goes off, before APU shutdown.

38. Ladder - Stowed.
39. Idle core RPM - Check
40. EAC switch - ENGAGE
41. Chocks - Removed
42. Exterior lights - SET and check.
 - a. Position lights - STEADY
 - b. Formation lights - ON (only at nighttime)
 - c. Anti-collision lights - OFF
 - d. Landing / taxi light - TAXI

TAXI

1. Nosewheel steering - Engage
2. Exterior lights - SET and check.
 - a. Position lights - STEADY
 - b. Formation lights - ON (only at nighttime)
 - c. Anti-collision lights - OFF
 - d. Landing / taxi light - TAXI
3. Throttles - As required
4. Brakes - Check
5. Turn needle - Check

BEFORE TAKEOFF

1. Engine instruments - Check
2. Flaps - Set for takeoff

3. Speed brakes - CLOSED
4. Takeoff trim - Check
5. CMS - As required
6. TACAN - Set
7. NMSP - as desired
8. Canopy - Closed and locked (light off)
9. Ejection seat ground safety lever - ARMED
10. Exterior lights - SET and check.
 - a. Position lights - STEADY
 - b. Formation lights - ON (only at nighttime)
 - c. Anti-collision lights - ON (only the last ship in formation)
 - d. Landing / taxi light - LANDING

LINEUP CHECK

1. Flight instruments - Check
2. Anti-skid switch - ANTI-SKID
3. Pitot heat switch - PITOT HEAT
4. APU generator switch - OFF / RESET
5. APU switch - OFF
6. Brakes - Set
7. Throttles - Set / as briefed
8. Engine Instruments - Check (all green)
9. Warning and caution lights - all OFF

TAKEOFF

1. NWS - As desired
2. Brakes - Release
3. Throttles - MAX



AFTER TAKEOFF

1. Landing Gear - UP (When safely airborne)
2. Flaps - UP (10 Knots above takeoff speed)
3. Pitch attitude - Maintain as necessary to accelerate to climb speed.

FLIGHT

1. Engine instruments - Frequently check
2. Fuel - Frequently check
3. Oxygen - Frequently check

CLIMB ABOVE TRANSITION ALTITUDE

1. Altimeter - SET STD

DESCENT BELOW TRANSITION LEVEL

1. Altimeter - SET QNH



FENCE IN

1. Throttle Master Exterior Light Switch - Center (OFF)
2. CMSP - Check
3. AHCP - Set
 - a. MASTER armament - ARM
 - b. GUN / PAC armament - ARM
 - c. TGP - ON
 - d. LASER armament - ARM
4. DSMS - Set
5. AGM EO - As required
6. TCN - RECEIVE ONLY or OFF
7. Fuel - Check

FENCE OUT

1. Throttle Master Exterior Light Switch - AFT
2. Exterior lights - SET and check.
 - a. Position lights - STEADY
 - b. Formation lights - ON (only at nighttime)
 - c. Anti-collision lights - ON (only the last ship in formation)
 - d. Landing / taxi light - LANDING
3. AHCP - Set
 - a. MASTER armament - SAFE
 - b. GUN / PAC armament - SAFE
 - c. TGP - As required
 - d. LASER armament - SAFE
4. AGM EO - OFF / as required
5. TACAN - As required
6. Fuel - Check

AERIAL REFUELING

1. Tanker - Contact
2. TACAN - Set AA-T/R, set tanker channel, as required
3. FENCE OUT Checklist - Complete

Check AGM EO - OFF
Check DSMS STATUS Page all stations deselected
4. CMSP - MODE switch - STBY
5. FILL DISABLE - OFF

Approaching 1 NM lateral separation:

6. TACAN - Set AA-REC or OFF, as desired

In observation area / precontact:

7. RCVR LT - As required
8. Exterior lights - As required
9. Air refuel control - open (aft)
10. Tanker - request contact

After contact:

11. Air refuel status lights - LATCHED
12. Fuel flow - Check

After disconnect:

13. NWS button - Depress
14. Air refuel status lights - DISCONNECT

After transfer complete:

15. Air refuel control - closed (forward)
16. Fuel - Check
17. RCVR LT - OFF
18. Exterior lights - As desired



After establishing 1 NM lateral separation:

19. TACAN - As desired
20. CMSP - MODE switch - As desired



DESCENT / BEFORE LANDING

1. Altimeter - Check
2. Anti-skid switch - ANTI-SKID
3. Landing / taxi light - Check LANDING
4. NVGs - Stow
5. TACAN - As desired
Check NMSP.
6. ILS - As desired

AFTER LANDING

1. Throttles - As required
2. Speed brakes - As required
3. Wheel brakes - As required
4. NWS - As required

After clearing runway:

1. Anti-skid switch - OFF
2. Ejection seat ground safety lever - SAFE
3. Canopy - As desired
4. TACAN / ILS equipment - OFF
5. Exterior lights - SET and check.
 - a. Position lights - STEADY
 - b. Formation lights - ON
(only at nighttime)
 - c. Anti-collision lights - OFF
(only the last ship in formation)
 - d. Landing / taxi light - TAXI
6. CMSP - MODE switch - STBY
7. CMSP - system switches - OFF
8. CMSP - OFF

9. Pitot heat - OFF
10. Flaps - As required

ENGINE SHUTDOWN

1. SAI - CAGE
2. AHCP - Set
 - a. MASTER armament - SAFE
 - b. GUN / PAC armament - SAFE
 - c. LASER armament - SAFE
 - d. TGP - OFF
 - e. ALT SCE - As desired
 - f. HUD MODE - As desired
 - g. CICU - OFF
 - h. JTRS - OFF
 - i. IFFCC - OFF
3. MFCD (L/R) - OFF
4. AAP - Set
 - a. EGI - OFF
 - b. CDU - OFF
5. Left throttle - OFF
6. Right throttle - OFF
7. Inverter switch - OFF
8. Battery switch - OFF
9. Communications equipment - OFF
10. Oxygen supply - OFF
11. Emergency flood lights switch - OFF
12. Boarding ladder - As required