# GENERAL BRIEFING GUIDE

# Time Hack / Roll Call / Classification

### Scenario

- Tasking (Commander's Intent) / Intel / Threat of the Day
- **Objectives & Overview**
- Weather / NOTAMs
  - Departure / En Route / Destination / Recovery / Divert
  - + Clouds / Ceiling / Visibility / Humidity (IR) / Sun Angle
  - Water Temp (Poopy Suits) / Winds / Waves / Cons
  - Moon: Illum (High vs Low) / Angle / Az / % / Sunset
  - Bird Activity: Pattern & Low Levels
- EP of the Day
- Special Interest Items
- Individual Training Requirements
- Currencies / Training Squares
- Sign-out
  - CAPs / FCIF / Pubs / SEPT
  - Mission Materials / Inventory
  - Card / Map / DTC / Attack Card / Smart Packs / Security
- Lineup Card
  - Mission Commander / Deputy Lead / Fallout
  - VHF / Joker / Bingo / TOLD / Times / Ranges / AA-TAC / IDM / IDT / Link16 / Radar
- Personal Equipment
  - HMCS

  - Tapes/DTCs: Security / Handling
    Survival Vest / Jacket / Poopy Suit / Piddle Packs
  - NIGHT: Flashlight, Clear Visor, NVG kit
  - ◆ COMBAT: Sanitize, Wallet, E&E Kit, Chem, Pistol, GPS
- Ground Ops Standard?
  - Pre-Flight Standard IAW -1 & -34 checklists
    - · Configuration / Stores Limits / Maneuver Cat
    - Armament: AIM-9/120 / AIS/AMD/Gun/BDUs/ALIC/HARM / SIM Wpns
    - EW: ALQ-184 tape# / ALE-50 / ALE-47 / ALR-56M •
    - TGP: LANTIRN, Sniper (TRNG vs CMBT Laser)
    - Seat beacon & kit: Auto / Manual, Canopy Coefficients •
    - · NVG Ops: Cockpit setup, Case stowage, Focus, Light leak check
  - ♦ Start Standard
    - Check-in: UHF / VHF / HQ / Secure Voice
    - Delays / Aborts / Spares / MESEL
    - INS Align / Scramble / DTC load / ELINT / HTSP / AAR door
    - Lights: Min for NVG ops
  - Taxi Standard
    - · Clearance, Marshaling, Arming, Hold, Late Taxi
    - Mode IV Squirt / IDM & RWR ✓ / Squat Fix / Tape Title

# Takeoff / Departure – Standard?

- Runway Line-up
- Spacing / Formation Takeoff AB / MIL
- Trail Departure
  - Power to maintain 350KIAS & 750°
  - "Tied/Buddy Spike" (radar assist) calls vs 5000'/Turn calls
- Emergencies: Abort / Jett / Low Alt Eject / Immediate Heavyweight Landing / Cables
- ◆ Joinup: Expected Routing / VMC/IMC Formation
- Wpn ✓ (> 5K' AGL) / Leak/Panel ✓ / NVG ✓ s
- En Route Standard?
  - Formation / Altitude / Airspeed
  - ◆ System: A-G / A-A / Camera / AIFF ✓

20th Fighter Wing Pilot Aid

# **G-11** CH 1

Shaw AFB, SC

F-16CM, T/N 96-0085, 7 JULY 2015 **BB-18** 

# GENERAL BRIEFING GUIDE

### • Working Area / AOR – Local Area Map / MTR / AAR

- FENCE / ECM ring-in / Chaff/Flare ✓ / Lights
- G-aware ✓
- RTB Standard?
- Fence Out
- · Rejoin / Formation: Where / How
- BDA ✓/ Hung Ordnance
- In Flight Report / ATIS
- · Recovery Plan
  - VFR / IFR / Flight Split-ups
  - In-trail Procedures: Trailer Squawk Subset, 250 @ 15, 180 @ 10, FAS @ FAF

◆ 3-ship / single ship

- NVG: "De-goggle" & "XMAS Tree"
- Pattern & Landing (IFR & Night)
  - Form Land: XW (including gust) < 15kts, not wet,  $> 500 \ 1\frac{1}{2}$
- After Landing Standard?
  - De-Arm / Taxi back
  - Debrief Time & Place (Intel / Flight)
- "Tapes Off"
- What Ifs
- Fallout
- WX Hung bombs
- Late join-up Alternate Mission
- Bad Weather
- · Backup Range Events
- No range / Area Intercepts / BFM Special Subjects
- Roles & Responsibilities (IP, FL, wingman)
  - Formation Specific Responsibilities & Priorities
  - Sensor Prioritization
  - Deconfliction Contracts
- · Radar/Visual Search Responsibilities: Dept, Enroute, Recovery
- Midair Collision Avoidance: Other Mil A/C & Civilian A/C
- Bird Strike / Visor Use
- Spatial D / Unusual Attitudes / G-excess Illusion
- Terrain Avoidance (RALT / ALOW / Line-Sky / DTS)
- + Heavy Weight / High Density Altitude
- Human Factors Considerations
- Channelized Attention / Task Saturation / Prioritization / Complacency
- G-Awareness: G-suit Connection / Tolerance / L-1 Anti-G Strain
  - Conduct in VMC if mission likely to exceed 5 Gs, even at night, if able
- IP Responsibilities
- Emergency/Chase Procedures • Dissimilar Formations
- IFF Procedures Visual Illusions/Perceptions
- Fuel Awareness Lost Wingman NORDO
- Jettison
- Low Altitude Ejection Recall Procedures Search & Rescue
- NVG Considerations (blind, wx, transition to insts, fatigue, battery fail/swap, overconfidence,
- cockpit lighting, EPs, ejection, target fixation, cockpit FOD)
- **Training Rules**
- D-model briefing
  - Pre-flight
- Cockpit Layout Change of control
- Flight Parameters Rear Seat Landing? Prohibited Items
- Emergencies: Runway depart, canopy loss, eject/egress (with & without intercom), loss intercom, bird strike (use of visors)
- Flight Control Interference: rudder/g-suit, stick (lapbelt, utility light, personal equip, leg posit, paddle switch)

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