

TW-1 Stan Notes - Strike Stage

1. Administration

The Strike Flight will be conducted in accordance with the procedures detailed in the Weapons/Strike Stage FTI. The purpose of these Stan Notes is to standardize local operating procedures and to provide general guidance within TW-1.

A. Brief

1. The STK Lead conducts the brief for the flight. MPTS MCG prerequisites, syllabus notes, SSRs, and discuss items shall be covered. STK 4101/4102 shall brief 2+00 prior to takeoff to give enough time for detailed instruction on weapons preflight, system set-up, and aircraft arming procedures. Once the flight lead is complete, each SNA will cover weapons techniques and inter-cockpit emergencies with their respective IPs.
2. Accuracy is not graded on STK 4101. The focus of these flights is to review Admin and Tac Admin, communications, formation procedures, pattern discipline, Off Target Rendezvous, and Hung Ordnance Approach procedures.

2. Conduct

A. Pre-Brief Tasks

1. Reference Chapter 4, p. 4-14 of 2009 Weapons/Strike FTI.
2. Ensure tapes are rewound.
3. Ensure range times are de-conflicted.
4. Two-digit tactical callsigns shall be used. Weather, Sun Azimuth/Elev, Winds at pattern alt and all planned release altitudes will be written on the board in a neat manner, to include target run-in hdg (with N seeking up arrow) and expected OAP's for the 30/20/10 deg release altitudes (written in 3 different colors). The information that is reflected on the strike briefing board shall be the same as the knee board cards.

3. Admin / Tacadmin

A. Per TW-1/2 JOINT TAC ADMIN SOP, with a few minor deviations.

1. Waypoint/Nav Plan. NMM waypoint plan: 1. Searay Target, 2. Alpha Field, 3. NJW 32, 4. NJW 14, 5. Active Runway (NMM).
2. Bullseye will be the briefed target (Searay at NMM).

3. A/A TCN: All wingmen will have A/A TCN ranging to lead.
 4. G-WARM: The initial break to pattern will constitute the G-WARM.
- B. Takeoff / Join-up - Reference: 2009 T-45 Weapons/Strike FTI Ch. 6 and TW-1/2 JOINT TAC ADMIN SOP.
1. The join-up is slightly different from division formation because the flight initially joins in fingertip parade.
 2. Dash 2 will normally join initially from the inside and cross to the outside. Dash 3 and 4 will join on the inside of Lead's turn and remain on the inside.
- C. Transit / RTB - Reference: 2009 T-45 Weapons/Strike FTI Ch. 6 and TW-1/2 JOINT TAC ADMIN SOP.
1. Cruise position will be utilized. All members of the flight **shall** join in the parade position before lead will place the flight into the admin cruise position.
 2. Fluid Four may be introduced on transit/RTB if time allows and IPs are TACF qualified and SNAs are Phase II TACF complete. It will not be utilized with SNA solos.
 3. During the Shark departure, lead will fly between Kemper Lake and NJW in order to set up for at least a 10nm run-in.
- D. Target Check-in / Fence-In - Reference: 2009 T-45 Weapons/Strike FTI Ch. 7 for overall procedures.
1. Reaching Kemper Lake, lead will cancel IFR with departure and switch the flight to the target frequency. **Only lead** will switch to Area 4 common and make the following call: *"99, flight of four entering the target area"*.
 2. Tgt Check-in / Fence-In: IAW TW-1/2 JOINT TAC ADMIN SOP.
 3. If a target flyover is required to evaluate the weather, lead will be directive over AUX and the flight will remain in fingertip at 250 knots.
- E. Communications – Reference: 2009 T-45 Weapons/Strike FTI Ch. 7.
1. Utilizing single-digit callsigns, ALL calls shall be made over AUX with the exception of:
 - a. (PRI) *"One Breaking..., In (to include transition calls, Winchester, and last pass), Off Safe, Position, Crosswind, Extending, initial OTR/In-sight call, any SOF calls."*

Examples:

- b. *PRI: "One Off, Safe."*
- c. *PRI: "One, Position, 2.4 (fuel state X.X)."*
- d. *PRI: "One, In."*
- e. *Lead may use AUX to pass hits/score to wingmen.*
"Crosswind" calls are considered Safety of Flight. The extending aircraft shall not delay his/her "Extending" call. Be vigilant.

- 2. *"Winchester" calls shall be made during the "Off, Safe" call after the aircraft's last bomb is dropped.*
 - a. *PRI: "One Off, Safe, Winchester."*
 - b. *The flight lead will then acknowledge the call over PRI.*
- 3. *"Joker/Bingo" call per 2009 T-45 Weapons/Strike FTI Ch. 7. However, on STK 4501 Pop sortie, recommend that the Joker and Bingo call be made at any time during the pattern due to this pattern's extended nature.*

F. Fence-Out / Tgt Check Out - Reference: 2009 T-45 Weapons/Strike FTI Ch. 7.

- 1. Fence-Out comm IAW TW-1/2 JOINT TAC ADMIN SOP.
- 2. Lead will inspect and transmit over AUX if Dash Last has any ordnance remaining; clean, unexpended, or hung. Dash last will stagnate on bearing line until the flight lead communicates its status. If ordnance remains, lead may respond:
 - a. Lead (AUX): *"Hammer 14, you have 2 bombs remaining."*
- 3. **Once all wingmen are in parade**, the cruise signal will be given by Lead.

G. Post-Flight/Debrief Tasks

- 1. Using a ruler on the whiteboard, students shall write down the environmental, alibis, hits/CEP, and bets.
- 2. Students shall also have a blank STK Tape A/G Validation Sheet and rewind their tapes to the first roll-in for debrief.
 - a. The current version of the STK A/G Validation Sheet can be found on the TW-1 E-Brief under the STK .167 Syllabus / Supplemental Documents.