



Lesson Title

A2G Weapons Part 1 – Attacking Small Ground Targets V1.0

Aim

To teach pilots the basics of how to use AG Weapons against small targets such as Vehicles.

Time Required

2 hrs. (30 mins ground school, 1.1 hr flying, 20 mins de-brief).

Topics to be Covered

1. Brevity:
 - a. Cleared Hot.
 - b. Fence In/Out.
 - c. In Hot.
 - d. MUD (Type/Direction).
 - e. Off (Direction).
 - f. Rifle.
 - g. Winchester.
2. Briefing Material Slides.
3. Fly TE.

Briefing Material

<http://www.freebirdswing.org/downloads/TrainingLibrary/Lesson8av4.55.zip>

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This document.

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By Vosene		

Human Package (AC type, package numbers)	4x F16C-52 CAS 4x F-16C-52 CAS	Package 3686 Package 3686
Mission Success Criteria	N/A	
Mission Partial Success Criteria	N/A	
Air to Air Weapon Load out (Free or Fixed)	Fixed	
Air to Ground Weapon Load out (Free or Fixed)	Fixed	
Mission Flight plan (Free or Fixed)	Fixed	

Package Information					
Takeoff time	Call sign	Task	Target	Package # ⁽¹⁾	AC # & type
09.20	Cowboy 1	Pre-Planned CAS	2x Ground Units	3686	4x F16C - 52
09.22	Falcon 1	Pre-Planned CAS	2x Ground Units	3686	4x F16C - 52
⁽¹⁾ Blue colour indicates for human use. Red colour indicates for AI only.					

Briefing Notes

1. On ground show students how to set Burst Altitude (3000), Ripple (3) and Spacing (500) for Mk-20D.
2. Take-off, remember flight recorder on and fence in after Stp 2.
3. Approx 20 miles from Stp 4 use radar to find ground targets and then orientating yourself along it's main axis.
4. Use CCRP mode to conduct a level bombing mission against the length of the column using Mk-20D.
5. Use 3x Maverick in the visual/boresight mode to hit the now moving Ground Targets.

6. Move to Stp 5.
7. Set Burst Altitude (500), Ripple (3) and Spacing (500) for Mk-20D.
7. Use radar to find ground Targets at Stp 5 and then orientate yourself along it's main axis.
8. Conduct a low-level CCIP bombing run along the length of the column.
9. Use the Maverick in PRE mode to engage any remaining targets.
10. RTB.
11. Review the flight using the ACMI.