

Military Mission Plan and Flight Plan

AC-130 Mission

Date: 03-17-2025

Mission Number: OU812

Mission Plan

Mission Objective

Provide close air support to Special Operations Team Alpha during their raid on an enemy compound located at coordinates **34.1234° N, 67.5678° E**. The AC-130 will engage designated targets and provide suppressive fire as needed to ensure the success of the ground operation.

Intelligence Brief

- **Enemy Forces:** The compound is fortified with approximately 20-30 combatants armed with small arms and rocket-propelled grenades (RPGs).
- **Threats:** Possible anti-aircraft artillery (AAA) in the vicinity; exact location unconfirmed.
- **Friendly Forces:** Special Operations Team Alpha, consisting of approximately 12 operators.
- **Civilian Presence:** Minimal, but caution is advised to avoid collateral damage.

Rules of Engagement

- Engage only confirmed enemy targets.
- Prioritize threats posing immediate danger to friendly forces.
- Minimize collateral damage to structures and non-combatants.
- Cease fire immediately if civilians are identified in the target area.

Communication Plan

- **Primary Frequency:** 123.45 MHz
- **Secondary Frequency:** 234.56 MHz
- **Call Sign for AC-130:** "Spectre 01"

- **Call Sign for Ground Team:** "Alpha Team"
- **Command Communication:** Secure satellite link

Crew Assignments

- **Pilot:** Capt. John Doe
- **Co-Pilot:** Lt. Jane Smith
- **Navigator:** Lt. Mike Johnson
- **Fire Control Officer:** Maj. Sarah Lee
- **Sensor Operator:** Sgt. Tom Brown
- **Loadmaster:** Sgt. Lisa White

Timeline

- **Takeoff:** 0200 Zulu
- **Arrival in Operational Area:** 0230 Zulu
- **Duration of Support:** Approximately 2 hours
- **Return to Base:** 0430 Zulu

Contingency Plans

- **Anti-Aircraft Engagement:** If engaged by AAA, climb to a higher altitude and maneuver to avoid fire while assessing the threat.
- **Communication Loss:** If contact with the ground team is lost, attempt to reestablish on the secondary frequency; escalate to command if unsuccessful.
- **Aircraft Damage:** Assess damage severity; decide whether to continue the mission or return to base based on operational capability.

Flight Plan

Departure and Arrival Points

- **Departure:** Airbase X, located at **35.6789° N, 65.4321° E**
- **Arrival:** Airbase X

Route

- **Takeoff:** Depart Airbase X and climb to 10,000 ft.
- **Waypoint A:** Proceed to **34.5678° N, 66.1234° E** at 15,000 ft.
- **Operational Area:** Enter holding pattern over coordinates **34.1234° N, 67.5678° E** at 20,000 ft.
- **Waypoint B:** After mission completion, return via **35.1234° N, 66.5678° E** at 15,000 ft.
- **Landing:** Descend for landing at Airbase X.

Fuel Planning

- **Total Fuel Required:** 20,000 lbs
- **Fuel Burn Rate:** Approximately 5,000 lbs per hour
- **Reserve Fuel:** 5,000 lbs

Weather Considerations

- **Conditions:** Clear skies with visibility greater than 10 miles.
- **Winds:** 20 knots from the west at altitude.
- **Forecast:** No significant weather phenomena expected.

Navigation Aids

- **Primary:** GPS navigation
- **Backup:** Inertial Navigation System (INS)

Airspace Restrictions

- Avoid overflying populated areas below 10,000 ft.
- Maintain at least 5,000 ft above ground level when not in the operational area.