



Operation HAMMER

By Vosene

Falcon Version	Patch Status	Theatre of Operations (Check one)					
Allied Force	V1.013	Balkans		Balkans 2005		Balkans 2010	
		Korea		Korea 2005		Korea 2010	X

Package Information

Takeoff time	Callsign	Task	Target	Time on Target	Package #	AC # & Type
0456	Chalis1	AWACS	N/A	0501	1984	1x E-3
0529	Mohawk1	Pre-plan CAS	1970 th Tank Bn	0545	2012	4x AH-64D
0530	Cowboy1	SEAD Strike	SA-10 radar (1629 th) SA-5 radar (1606 th)	0542 0557	2018	4x F16C-52
0531	Snake1	Escort	Serpeant1 & Shark1	0605	1627	4x F-16C-52
0532	Stud1	SEAD Escort	Serpeant1 & Shark1	0605	1627	3x F-16C-52
0533	Serpent1	Deep Strike	Pipa-got Submarine Base	0610	1627	4x F-16C-52
0534	Shark1	Deep Strike	Cargo Ships (1329 th)	0612	1627	2x F-16C-52
0535	Python1	SEAD Escort	Panther1	0605	2089	4x F16C-52
0537	Panther1	Deep Strike	T'aet'an Bridge	0608	2089	2x F16C-40
0544	Bull1	Pre-plan CAS	1756 th Tank Bn	0610	1939	4x A-10

(1) Blue colour indicates for human use. Red colour indicates for AI only.

Mission Success criteria	Cowboy1	Destroy 1629 th Bn SA-10 Flap Lid radar by 0542 hrs and destroy 1606 th SA-5 Barlock-B radar
	Snake1	No losses to Serpent1 and Shark1 from enemy aircraft before egress
	Stud1	No losses to Serpent1 and Shark1 from radar guided SAMs before egress
	Serpent1	Destroy 3x loading crane and 2x warehouse at Pipa-got submarine base
	Shark1	Destroy 2x cargo ships from 1329 th docked at Pipa-got submarine base
	Python1	No losses to Panther1 from radar SAMs or enemy aircraft before egress
	Panther1	T'aet'an bridge 0% operational by 0610
Mission Partial Success criteria	Cowboy1	Destroy 1629 th Bn SA-10 Flap Lid radar by 0542 hrs
	Snake1	Maximum of 1 loss to Serpent1 and Shark1 combined from enemy aircraft prior to egress
	Stud1	Maximum of 1 loss to Serpent1 and Shark1 combined from radar guided SAMs prior to egress
	Serpent1	Destroy 3x loading cranes at Pipa-got submarine base
	Shark1	Destroy 1x cargo ship from 1329 th docked at Pipa-got submarine base
	Python1	Maximum 1x loss to Panther1 from radar SAMs or enemy aircraft prior to egress
	Panther1	T'aet'an bridge 0% operational

Air to Air Weapon Loadout (Free or Fixed)	Free
Air to Ground Weapon Loadout (Free or Fixed)	Free
Mission Flight plan (Free or Fixed)	Fixed but additional Steerpoints may be added along the existing route Strike Flights may move IP Steerpoint a maximum of 15nm from original position.

BACKGROUND

We have a problem. During an overnight training exercise the 1944th Tank Bn managed to get lost and accidentally crossed the border into North Korea. Urgent diplomatic efforts to agree a peaceful withdrawal with the North Koreans have failed and the 1944th is now being pinned down by an enemy tank unit (1970th Bn).

We are somewhat fortunate that a large portion of the DPRK force is currently taking part in an amphibious exercise with China. Most of their heavy armour is on board cargo ships out in Korea Bay and their main ground attack aircraft are up on the Chinese border and will not be in a position to engage the 1944th Bn for at least 3 hours. Unfortunately two of the cargo ships were still being loaded with DPRK armour at Pipa-got navel base and these tanks are currently being unloaded and sent back to the border to cut-off the 1944th. The 1756th DPRK Tank Bn is already on it's way with further re-inforcements to follow.

Without immediate support the 1944th will certainly be captured or destroyed. We cannot allow that to happen. Command have therefore issued orders for Operation HAMMER, the rescue of the 1944th Tank Bn.

CURRENT SITUATION

Operation HAMMER is a joint Air Force and Army mission in 3 stages:

1. Push forward the 1942nd MLRS Artillery Bn to provide fire support for the 1944th Tank Bn. This objective was achieved at 0445 this morning.
2. Engage the enemy 1970th Tank Bn with CAS in order to allow the 1944th to disengage and withdraw back across the border. This will be achieved using a strike by 4x Army AH-64D (Mowhawk1) beginning at 0545.
3. Prevent enemy reinforcements from the Pipa-got navel base cutting off the 1944th Bn withdrawal. This is an Air Force mission utilising F-16s from the 185th and 4x A-10 from the 1880th Attack Sqn based at Mandumi airstrip.

MISSION DETAILS

Weather – It's a beautiful autumn morning in Korea with the following weather:

Wind – 180@5kts

Temp – 20°C

Clouds – Few

Contrail Layer - 30-36,000ft AMSL

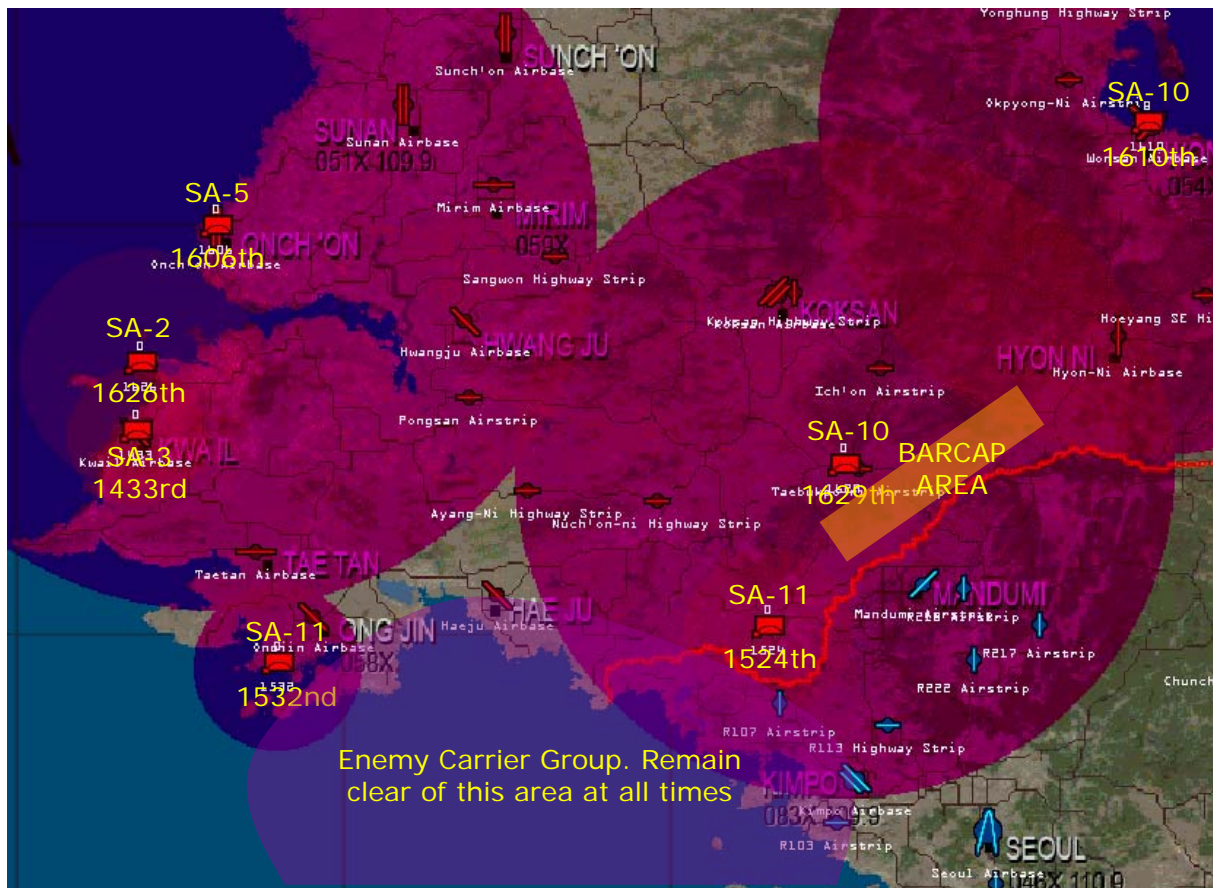
Visibility – 18nm once it gets fully light

Enemy

Due to the short notice nature of this mission intel is limited to what we have available on file. There may be other threats not covered in this brief. Stay sharp!

Air Defence

North Korea is covered by several long range SAM systems. Of particular interest to our mission is the 1629th SA-10 unit situated at T'osan Depot and the 1606th SA-5 unit at Onch'on airbase. Other known SAMs of concern are the 1626th SA-2 unit at Pipa-got Submarine base and the 1433rd SA-3 unit just to the south at Kwail airbase. There are also two known SA-11 sites that should be avoided. There is an enemy carrier group in the international waters somewhere to the West of Seoul so stay at least 10nm from the coastline at all times. Other mobile SAMS and AAA should be expected. Known SAM sites and threat circles are shown below.



Known Enemy SAM Systems & BARCAP Area

Air Threats

There is BARCAP near the border that usually consists of either MiG-23ML or MiG-29A. Other known threats include MiG-21Mbis, MiG-25, MiG-29SM, Su-27 and Su-33 operating from the carrier group. Full details are in the ATO.

Friendly

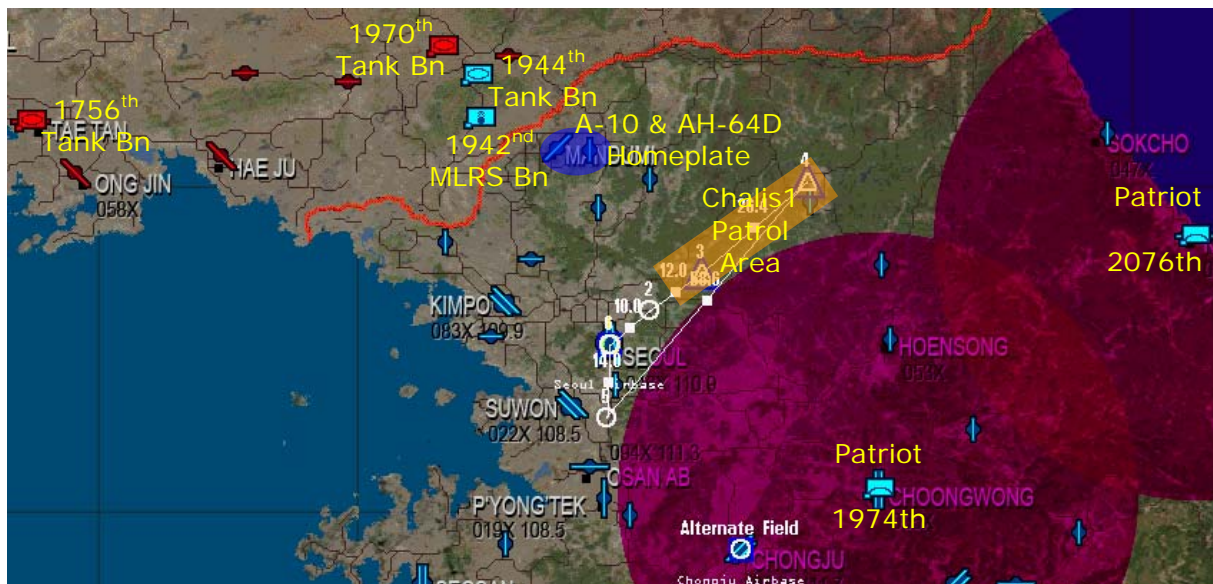
Ground

Friendly ground units of note for this mission are the 1944th Tank Bn, 1942nd Artillery Bn and Patriot units at Kangnung and Choongwong airbases.

Air

In support of this mission is an AWACS, Chalis1 operating NE of Seoul, 4x AH-64D (Mohawk1) striking the 1970th Tank Bn from 0545 and 4x A-10 (Bull1) with a CAS mission on the reinforcement 1756th Tank Bn at Tae'tan airbase from 0610.

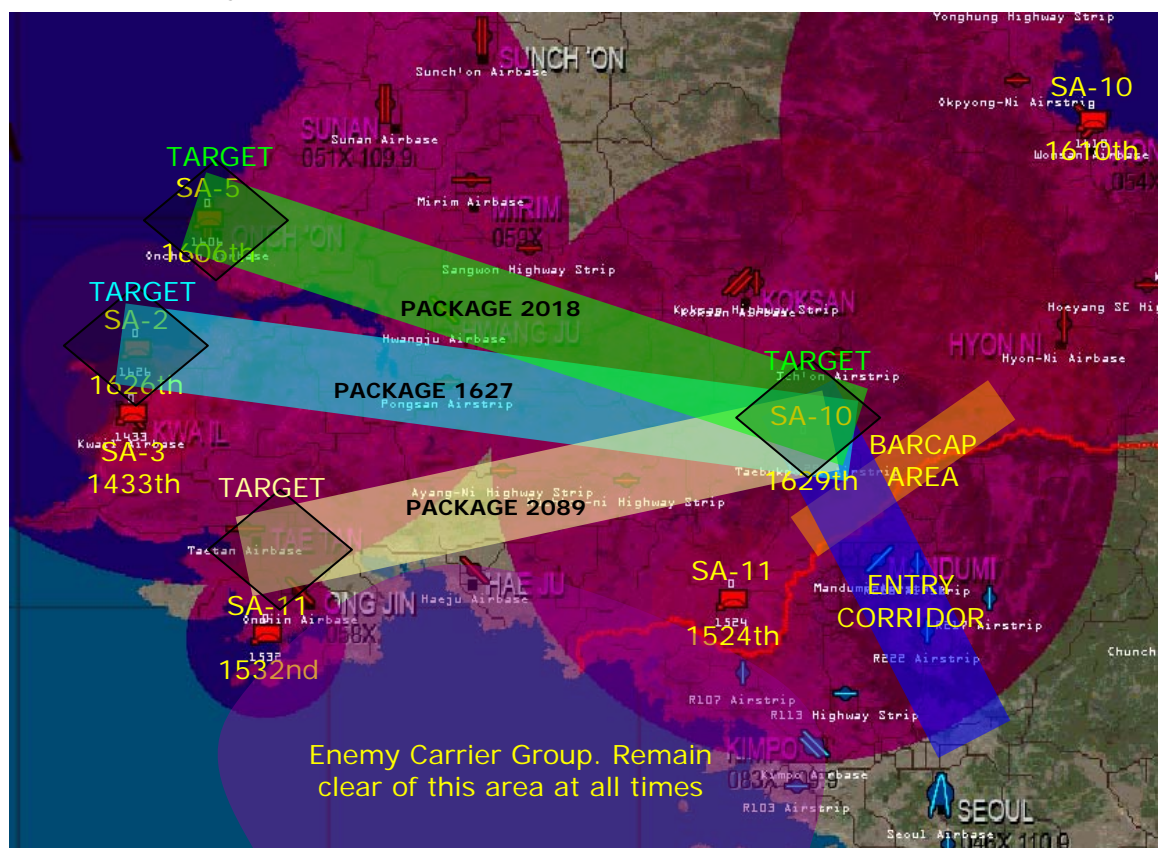
Positions are as per the map below.



Friendly Units and Targets

Mission Overview - There are three main parts to the 185th mission:

1. Package 2018 is a SEAD strike and the tip of the 185th spear. It will punch a hole in the enemy AD system, creating an undefended corridor (through which all Flights will fly) then destroy the SA-5 radar before providing support to Package 1627.
2. Deep Strike Package 1627 consisting of a Strike, Escort and SEAD Escort. It will destroy the Pipa-got Submarine base and the 2x cargo ships currently docked there to prevent reinforcement enemy armour being off-loaded from the ships.
3. Deep Strike Package 2089 consisting of a Strike and a combined Escort/SEAD will drop the T'aet'an bridge thus fixing the reinforcement 1756th Tank Bn before they can get under the umbrella of the 1532nd SA-11 unit. The Tank Bn will then be reduced to non-combat effective by an A-10 CAS strike.



Overview of Package Routes and Known Targets

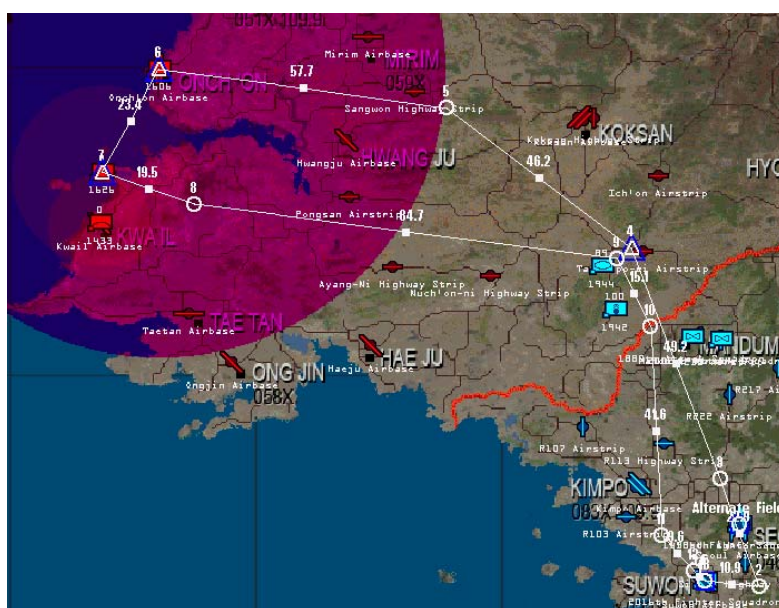
Detailed Mission Objectives

Package 2018

Package 2018 has the responsibility of destroying the 1629th SA-10 radar and the 1606th SA-5 radar in order to create an undefended corridor for the other Packages. **The SA-10 radar is a key objective, if it is not destroyed by the required time the whole mission may fail.**

Cowboy1 – SEAD Strike (4x F-16C-52 – Black Flight)

1. Destroy 1629th SA-10 Flap Lid radar by 0542 (Stp 4 by default).
2. Destroy any BARCAP at the FLOT.
3. Destroy 1606th SA-5 Barlock-B radar by 0558 (Stp 6 by default).
4. Provide SEAD/Escort support to Package 1627 as required/able (Stp 7 by default).



Cowboy1 – Mission Route

Package 1627

Package 1627 has the responsibility of destroying Pipa-got submarine base in order to prevent further tank reinforcements being unloaded and used to cut-off the 1944th Tank Bn.

Snake1 – Escort (4x F-16C-52 – Green Flight)

1. Protect Serpent1 and Shark1 from enemy aircraft until egress.

Stud1 – SEAD Escort (3x F-16C-52 – Blue Flight)

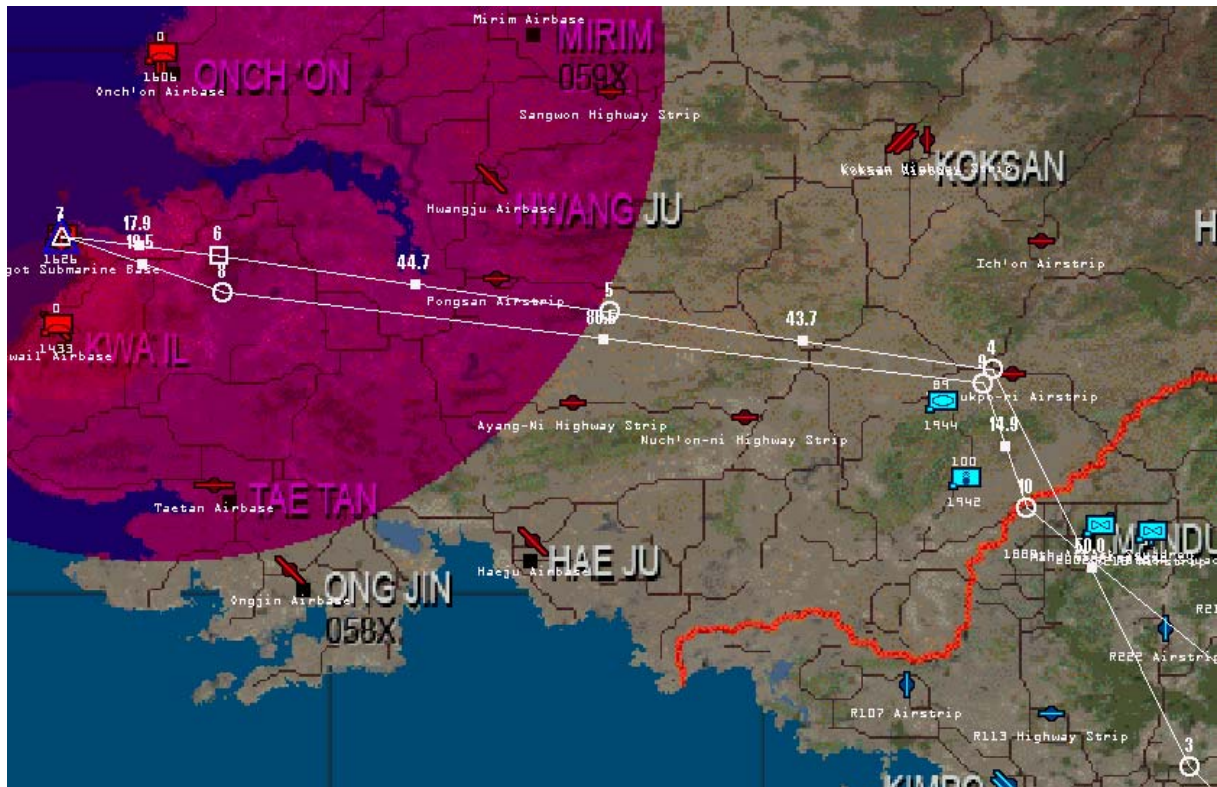
1. Protect Serpent1 and Shark1 from radar SAMS until egress.
2. Known threats that should be destroyed are the SA-2 and SA-3 radars at the target area (Stp 7 by default).

Serpent1 – Deep Strike (4x F-16C-52 – Red Flight)

1. Destroy a minimum of 3x loading cranes & 2x warehouses at the Pipa-got submarine base (Stp 7 by default).
2. Sweep the egress route for enemy aircraft.

Shark1 – Deep Strike (2x F-16C-52 – Black Flight)

1. Destroy the 2x cargo ships docked at Pip-got submarine base (Stp 7 by default).
2. Sweep the egress route for enemy aircraft.



Route for Package 1627



Library Satellite Picture of Targets for Serpent1 & Shark1

Package 2089

Package 2089 has the responsibility of destroying the T'aet'an Bridge in order to fix the 1756th Tank Bn ready for destruction and prevent it from cutting off the 1944th Tank Bn.

Python1 – SEAD/Escort (4x F-16C-52 – TBC)

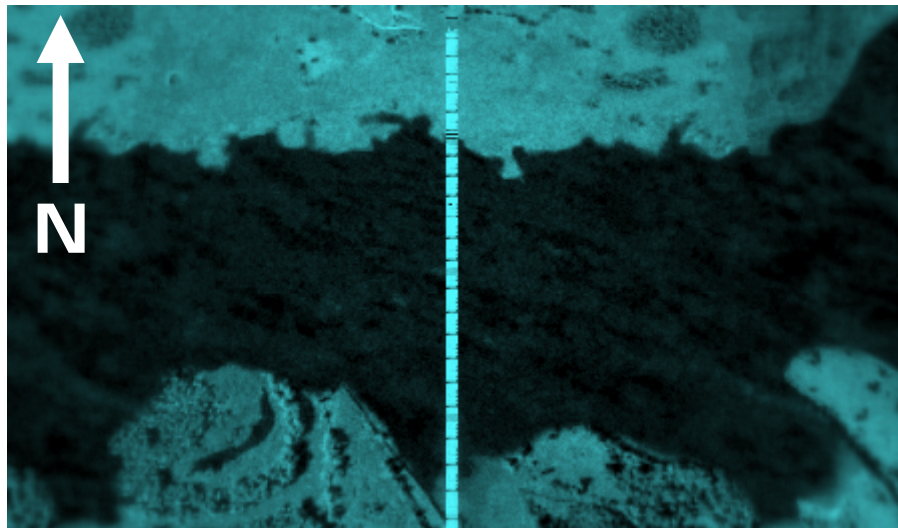
1. Protect Panther1 from enemy aircraft and radar SAMs until egress.

Panther1 – Deep Strike (2x F-16C-40 – Green Flight)

1. Destroy T'aet'an bridge (Stp 7 by default) by 0610 to prevent the 1756th Tank Bn from crossing.
2. Sweep the egress route for enemy aircraft.



Route for Package 2089



Library Picture of T'aet'an Bridge

Timings

Flight Leads should stick to the timings and altitudes given in the table below.

No departures before the take-off times shown. AWACS must authorise take-off.

Stp 3 marks entry into the SA-10 threat circle and is also the Package Push point. Flights are only to proceed past this point once their allocated time has been reached.

Only damaged or fuel critical aircraft should be authorised to RTB outside of the timings shown.

Flight	Take-off Time	Push Point Time (Stp 3)	Ingress Alt	Time over Target (Stp7)	RV Time (Stp8)	Egress Alt	Split Time (Stp10)	Home Plate/ Runway/ Circuit Direction	Landing Time
Cowboy1	0530 ¹	0536	A37 ²	Stp 4 (0542) Stp 6 (0558) Stp 7 (0605)	0615	A29	0629	Suwon R14L (LH Circuit) ³	0638
Snake1	0531	0542	A29	0605	0617	A22	0631	Choongwong R16L (LH circuit)	0641
Stud1	0532	0543	A27	0605	0616	A22	0630	Chongju R23L (LH circuit)	0645
Serpent1	0533	0545	A22 (low level attack)	0610	0613	A25	0627	R601 Airstrip 23R (RH circuit)	0642
Shark1	0534	0547	A22 (low level attack)	0612	0614	A27	0628	Chongju R23L (LH circuit)	0640
Python1	0535	0548	A27	0605	0617	A22	0630	Kangnung R26 (LH circuit)	0646
Panther1	0537	0550	A22	0608	0615	A27	0627	Kangnung R26 (LH circuit)	0643

Alternate

The alternate airfield for all aircraft is Seoul. The active runway is R18 with a left hand circuit. Only damage or fuel diverts are authorised for this mission. All other aircraft must land at home plate.

ROE

All airborne targets must be positively identified before engaging. Authorised methods of positive ID are AWACS, NCTR and visually.

Ordnance

There are no restrictions on ordnance.

¹ Cowboy1 may depart up to a maximum of 5 minutes earlier than the take-off time shown.

² A = Angels.

³ LH = Left Hand RH = Right Hand