



VS.



POLAR VORTEX  
- Arctic Circle -



- ALTA, it ain't over -



2020 - 10 - 13



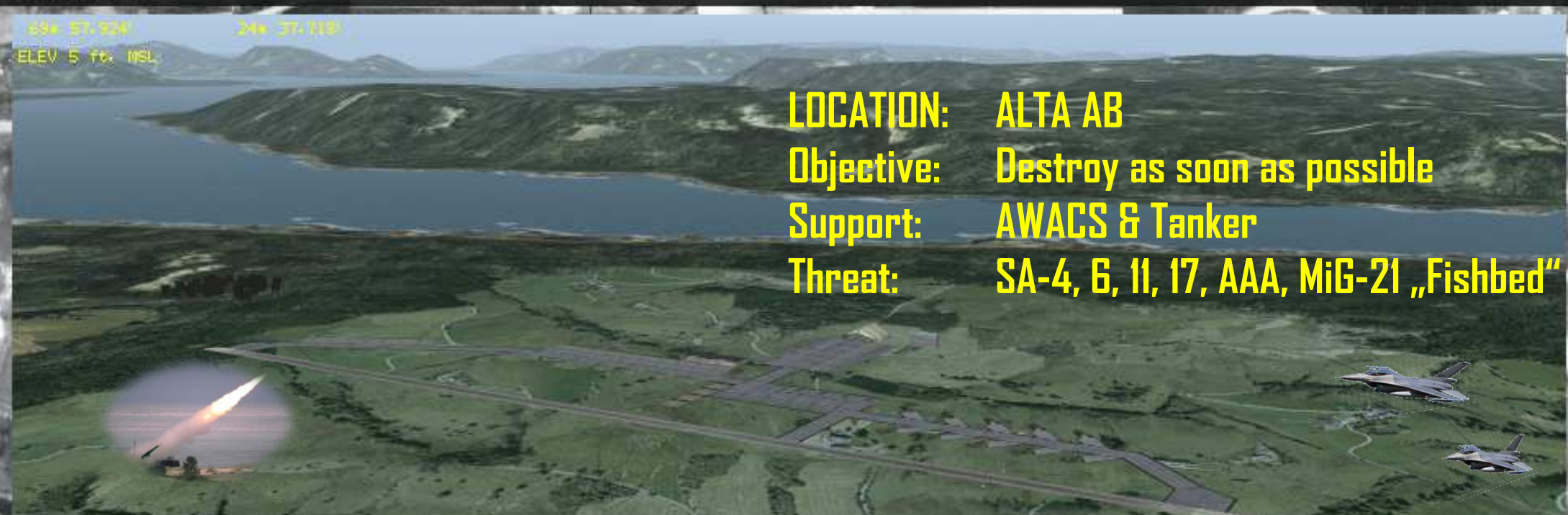
RECON

694 57.924  
ELEV 5 ft. MSL

244 37.1181

UNCLAS

**LOCATION:** ALTA AB  
**Objective:** Destroy as soon as possible  
**Support:** AWACS & Tanker  
**Threat:** SA-4, 6, 11, 17, AAA, MiG-21 „Fishbed“



OP „Arctic Circle“ – „ALTA – it ain't over“  
-ROSTER-

ANNEX 3



Not in Operation (temporary)	Package Assets						Missing in Action (MIA)
	CALLSIGN	TASK	#1	#2	#3	#4	
Col Stingray	„ARCTIC CIRCLE - „ALTA IT AIM'T OVER“ DTG: 132200Z0CT20 Package 1960, F-16CM-52, TO: 22:00Z KALIXFORS/SWE						
Capt Caesar	BEAST 7	ESCORT	BrigGen Dro16	BrigGen Hunter			Col Jojo
LtCol Toschi	VIPER 5	DEAD	Capt Kiwi	LtCol BadCrow	Maj Sneakpeek		
Maj Yankee	MAKO 5	DEAD	Capt Cupra	LtCol Bluebird	LtCol Joker	2nd Lt Joe	
Maj Slick	SATAN 6	OCA	LtCol Bflat	LtCol TheWitch	2nd Lt Actros		Col Jaws
LtCol Freelancer	PROWLER 4	EWS/ESJ Electronic Attack Squadron 129 (VAQ-129)	KI	KI			
Capt Opasi	CAJUN 6	TRAINING					
2nd Lt Anwil							
Maj Dagger							
2nd Lt Skipper							



# Flight Path Mission 2020-10-13

## „ALTA - It ain't over“



Package 1960

TO: 22:00Z, KALIXFORS/SWE

ARR: 23:30Z, BODÖ, NOR

- Beast 7, ESCORT: MiG-21, russian Fighter?
- Viper 5, DEAD: Main Target SA-17
- Mako 5: DEAD: Main Target SA-11
- Satan 7, DEAD SA-6, OCA: ALTA AB, Runway
- Prowler 4, EWS/ESJ (KI)

- In: „Special Forces“

+ Blackjack 4 (AH-64E, Blackjack 5 (UH-60L) – 23:10Z.

### Weather Forecast:

Fair, CAVOK

Wind 90°, 15 – 20 kts, Gusts 25 kts

Clouds 3/8 at 5000 ft AGL

CON LAYER: 24.000 ft AGL

Temp: 08°C

Sunrise: -Midsummer-

BCMG 22:30Z POOR, VIS<8 nm, OVC010

### Support:

Sentry 3 (AWACS)

Chalice 3 (E-8C JSTAR)

Texaco 7 (AAR, KC-10)

On Station:

21:30Z-02:30Z



„Nordmeer Sturm“

ECM + Escort  
On Station: 22:30Z

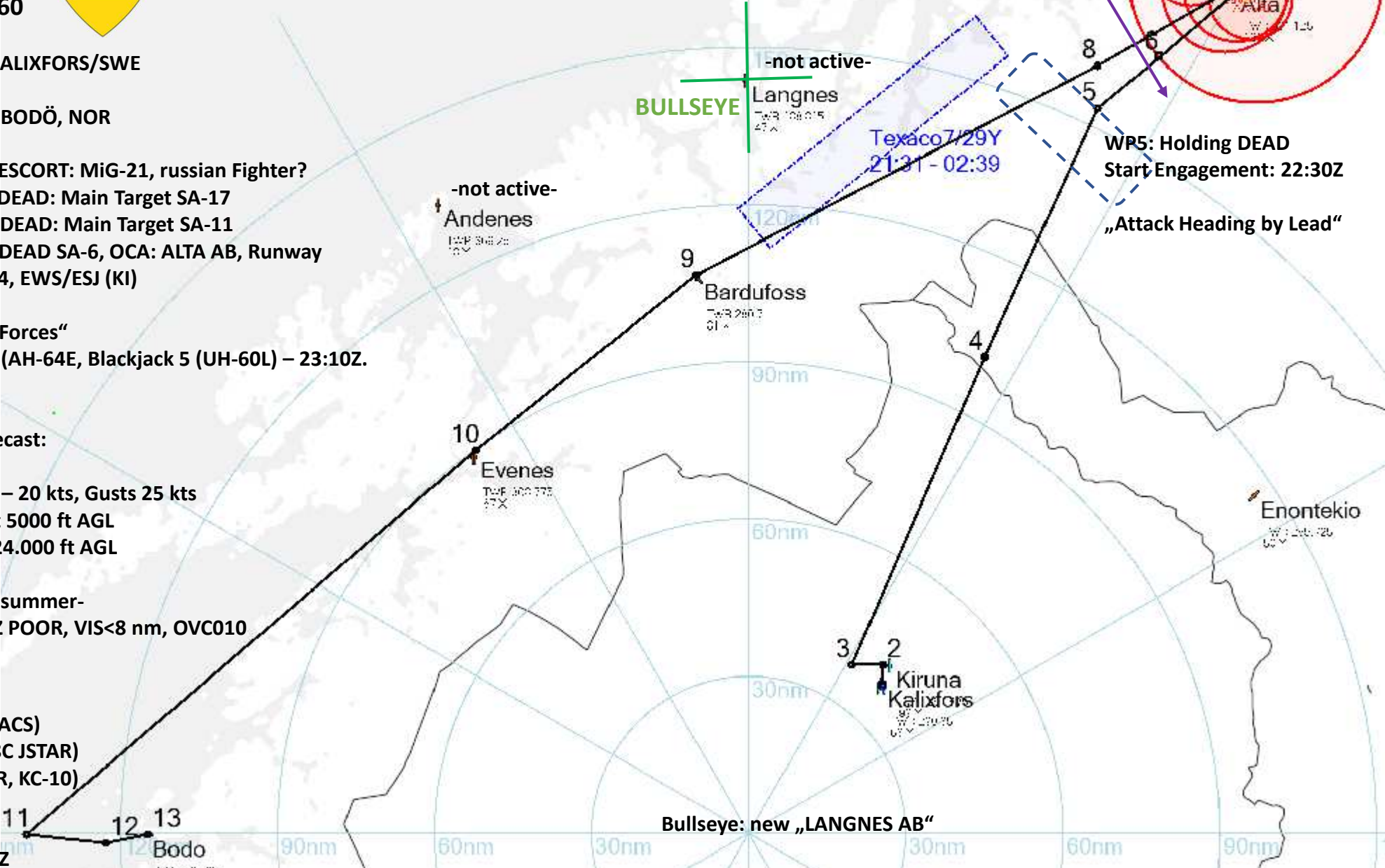


-not active-  
**BULLSEYE**  
Langnes  
TWB 108015  
43°N

Texaco 7/29Y  
21:31 - 02:39

WP5: Holding DEAD  
Start Engagement: 22:30Z

„Attack Heading by Lead“



Bullseye: new „LANGNES AB“



**SAM-Threats: AOA „Arctic Circle“ – ALTA Bomb Raid**



**SA-4 „Ganef“**



**SA-6 „Gainful“**



**SA-8 „Gecko“**

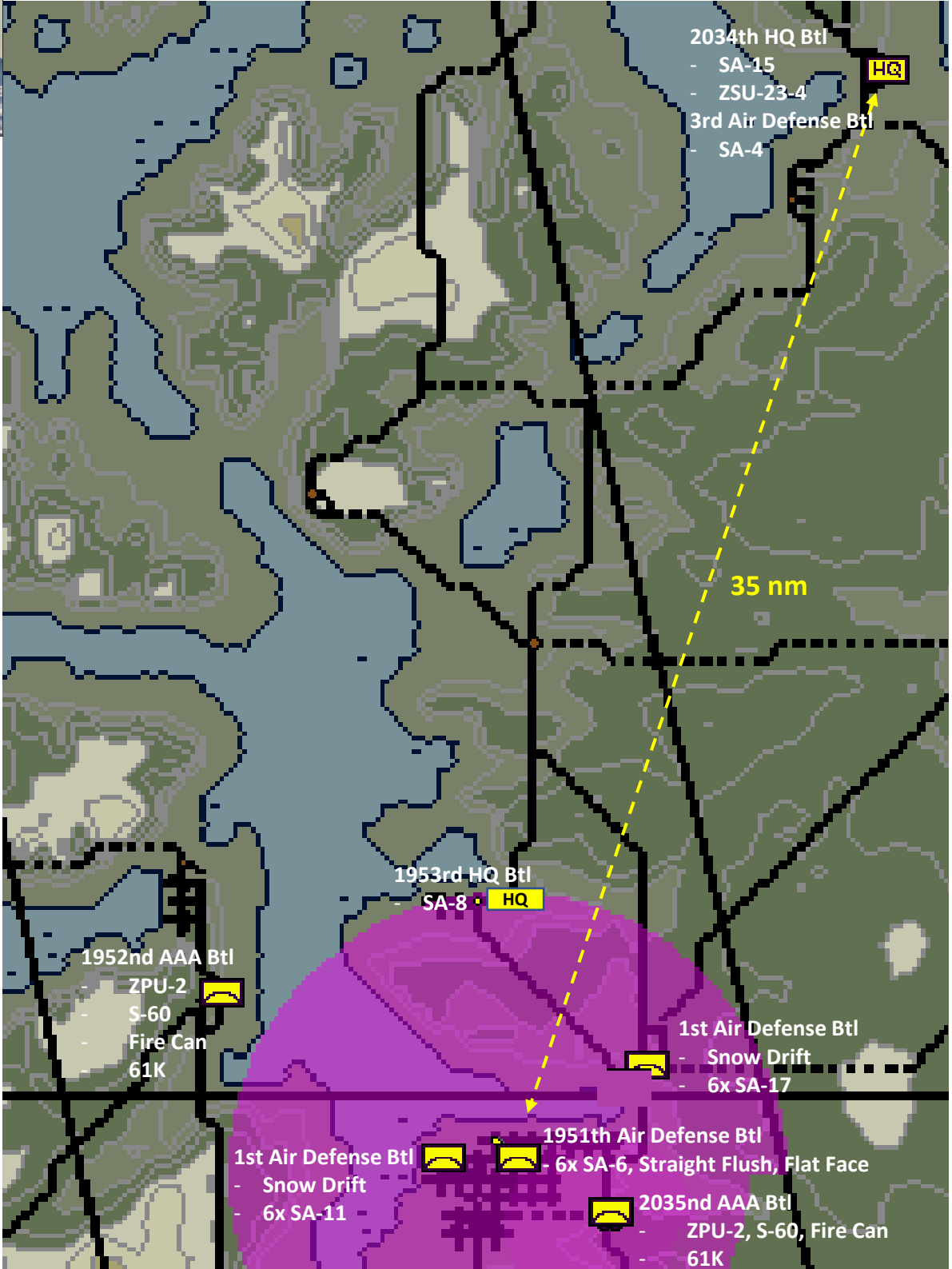


**SA-11 „Gadfly“**



**SA-17 „Grizzly“**

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J2





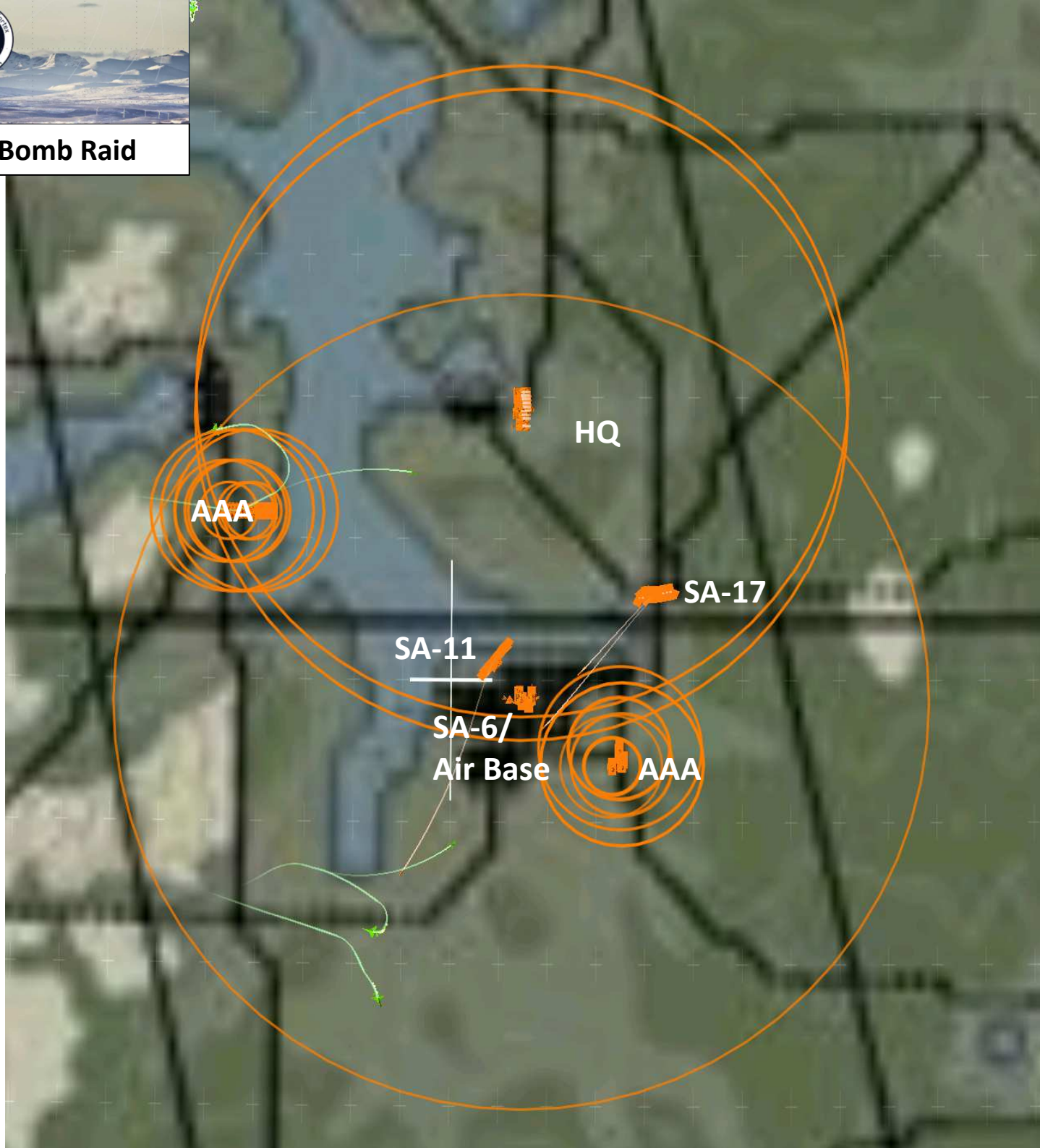
## SAM-Threats: AOA „Arctic Circle“ – ALTA Bomb Raid

### Auswertung JSTAR-Aufzeichnung

### Schwerpunkt: Lage der SAM-Systeme

**Achtung: Bedrohungskreis/Reichweite der SA-11/17 sind nicht in der Skizze enthalten!**

**Den techn. Daten nach liegt dieser bei mind. 20 nm (SA-17)!**

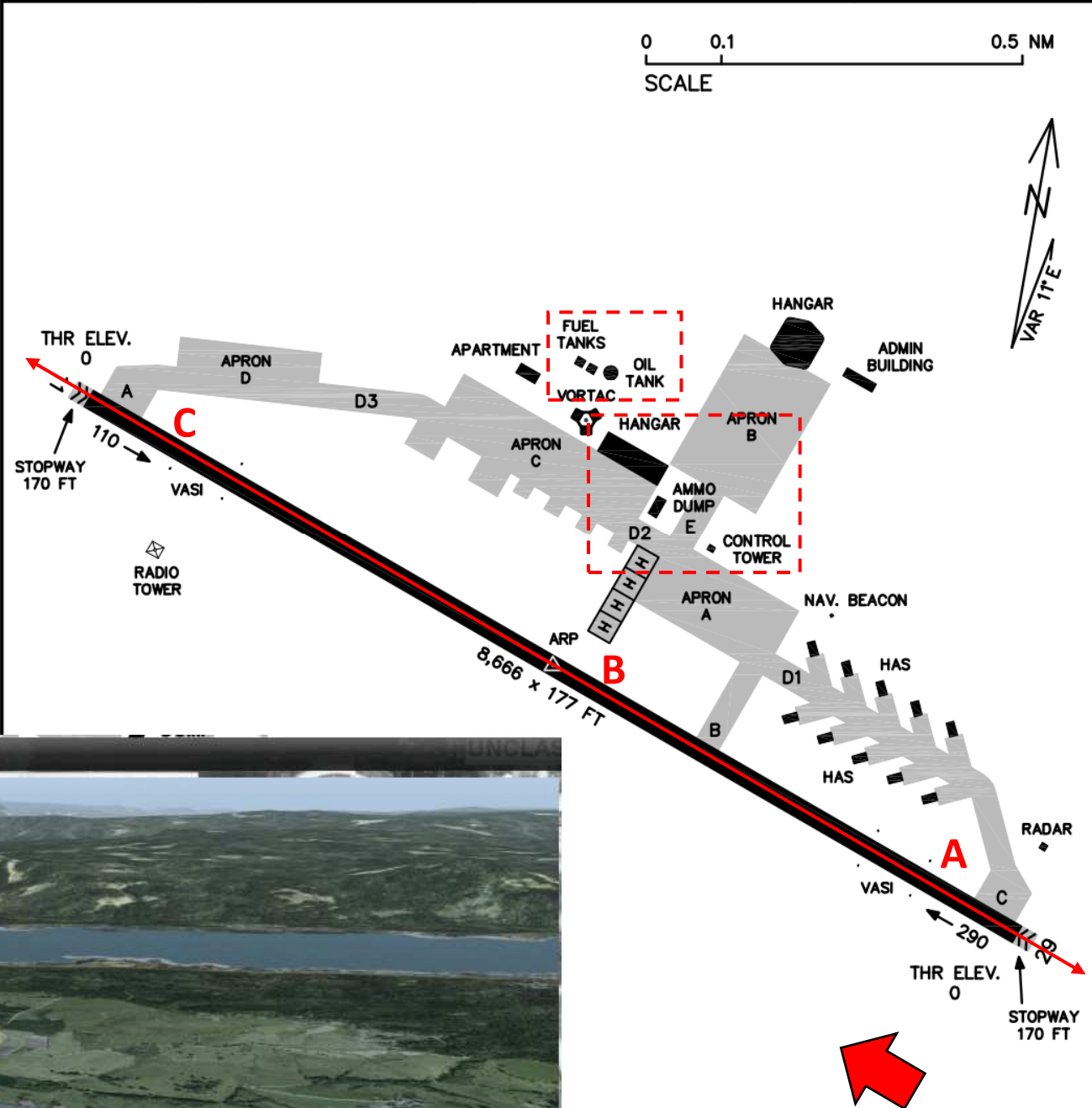
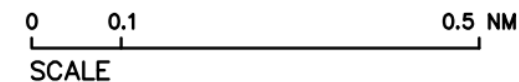


**OP „Arctic Circle“ – „ALTA - it ain't over“**  
**-Mission Order Satan 6 - OCA-Strike**

ALTA (ENAT)  
 ALTA, NORWAY

**AIRPORT DIAGRAM**

VORTAC ATA Chan 121X	Alta Tower 120.40	ARP GPS N69 57.729' E24 37.097'	RWY TDZE 0
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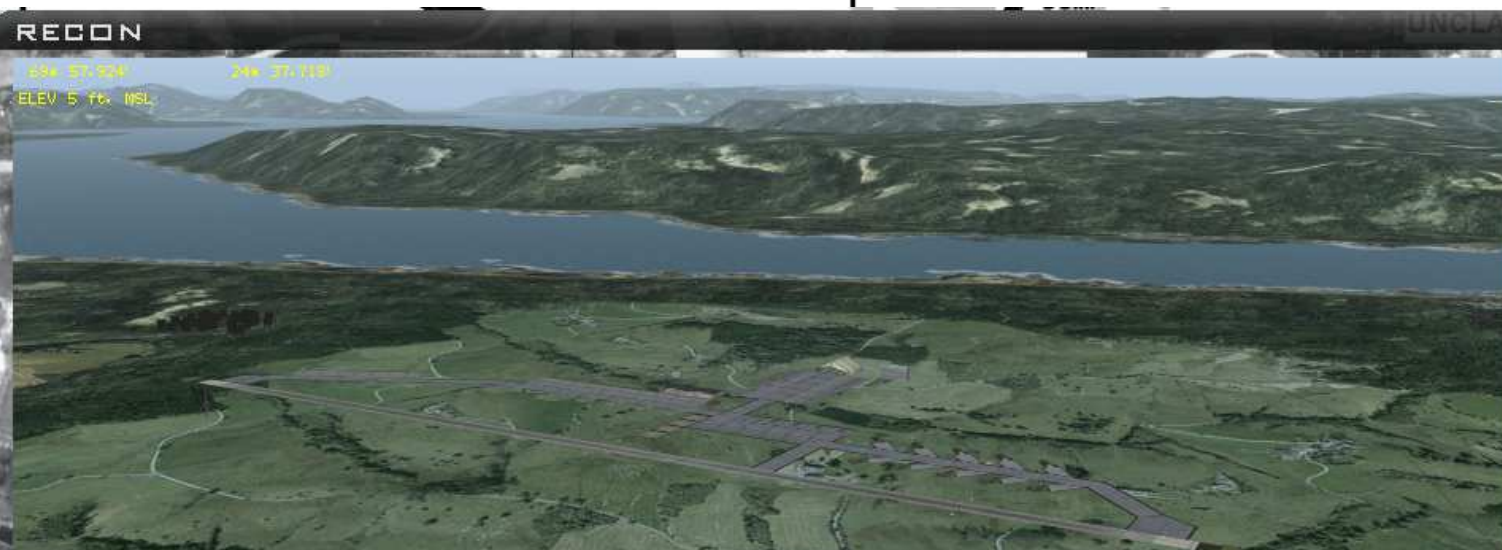


**ANNEX 1**



**Destroy: Runway (3 section)**  
**+ Ammo Dump,**  
**Fuel Tank if possible**

TARGET	CONDITION	VALUE
ALTA	100% Operational	
Runway Long Section	No damage	Very high
Runway Section	No damage	Very high
Runway Section	No damage	Very high
Radar EW & SSR	No damage	Very high
Ammo Dump	No damage	Very high
Fuel Tank	No damage	Very high
Fuel Tank	No damage	Very high
Control Tower	No damage	Very high
Storage Tank	No damage	Low
Admin Building	No damage	Low
Runway Threshold	No damage	Very low
Runway Threshold	No damage	Very low
Hangar	No damage	Very low



**Attack Heading!**

# SAM-Threats - Target Location

## ANNEX 2



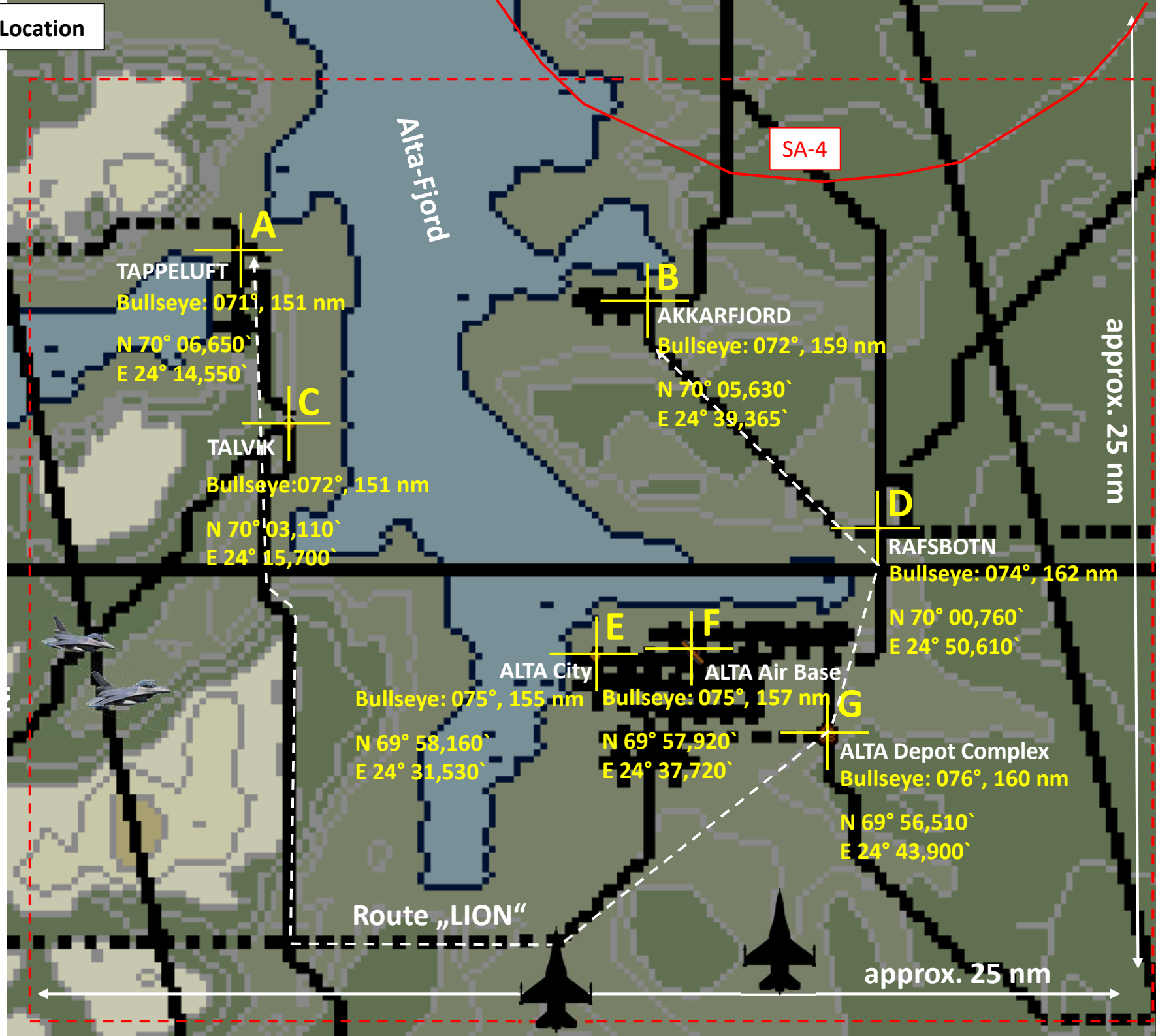
### Area of Operation

### MainTarget

### ALTA Air Base:

N69° 57,924`  
E24° 37,718`  
Elev.: 5 ft

„Falcon7, Mako2, engage  
MUD-11,  
Target D, Bullseye 074°,  
162 nm, SAM-Position is  
1klick west of  
RAFSBOTN,  
Report weapon on target  
and leaving area!“



	RWR							
SAM	S A	F C	Tracking	Min Rng/ Alt	Typical Engagement	Max Range/ Alt	ECM	CM
SA-6	1F	76	Straight Flush	2nm/ 550ft	10nm/ 101,500ft	20nm/ 101,500ft	4nm HOJ	Med
SA-11	1D	42/03	OB Fire Dome	1.6nm/ 180ft	12nm/ 90,000ft	20nm/ 90,000ft	19nm HOJ	Very Low
SA-17	1D	23	OB Fire Dome	1.6nm/ 140ft	17nm/ 79,000ft	17nm/ 79,000ft	30nm HOJ	No Effect

SYSTEM	GUIDANCE	RNG NM	Min Alt ft	Max Alt ft	Hit probab
SA-6	Straight Fl.	2- 14	150	45.000	HIGH



SA-6 „Gainful“ (6 Launcher)

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6 SA-6 (2K12)
1 Straight Flush
1 ACRV MT-LBu
1 Flat Face
6 2T7M
2 KrAz T 255B
2 KrAz F 255B
    
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SA-11	Fire Dom	1,7- 20	45	66.000	V. HIGH
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SA-11 „Gadfly“ (6 Launcher)

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6 SA-11 (9K37M1)
2 KrAz T 255B
1 Snow Drift
1 BMP-1KSh
1 ACRV MT-LBu
1 KrAz F 255B
6 2T7M
    
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SA-17		1.5- 25	50	?	V. HIGH
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SA-17 „Grizzly“ (6 Launcher)

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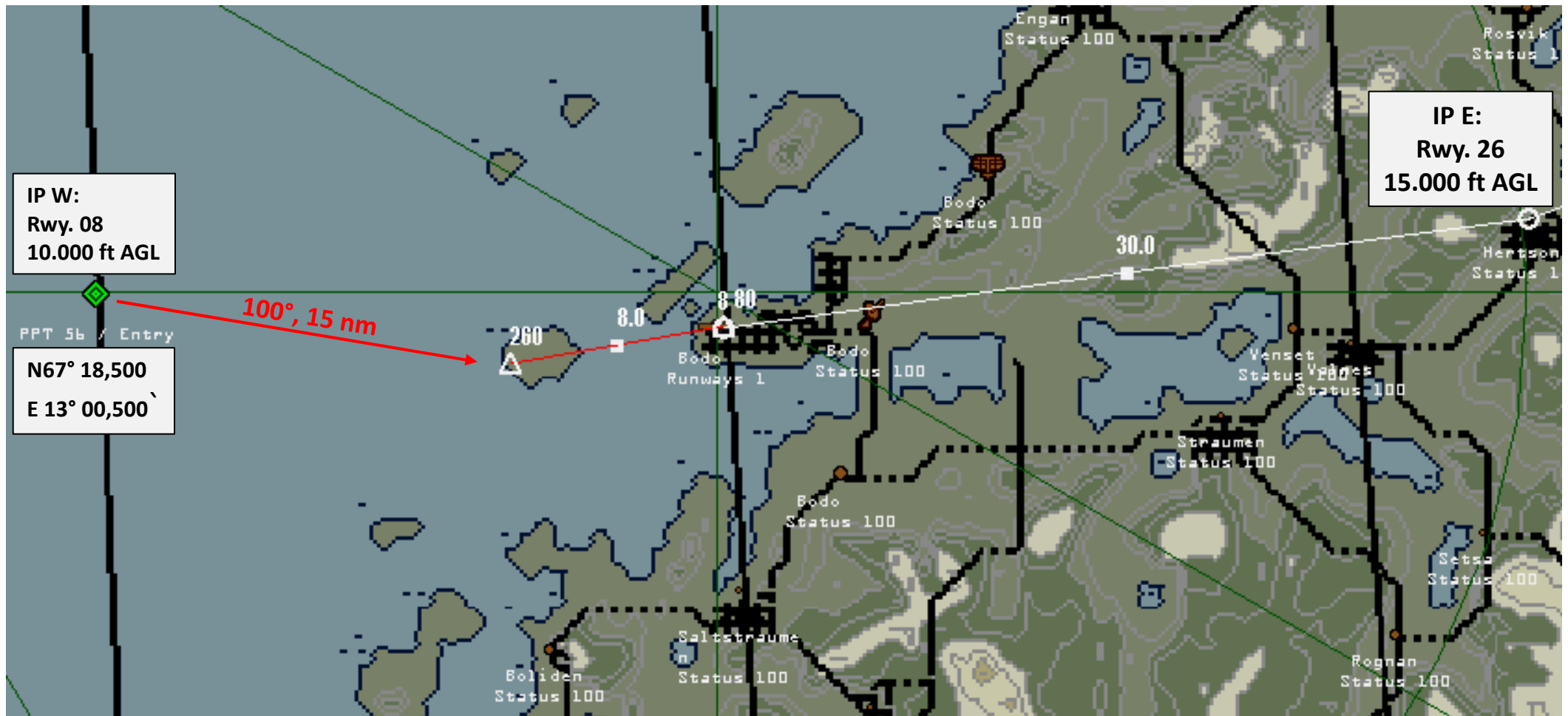
SA-17 (9K37M2) KrAz T 255B 2T7M
SA-17 (9K37M2) KrAz T 255B 2T7M
SA-17 (9K37M2) Snow Drift 2T7M
SA-17 (9K37M2) BMP-1KSh 2T7M
SA-17 (9K37M2) ACRV MT-LBu 2T7M
SA-17 (9K37M2) KrAz F 255B 2T7M
    
```





# Arrival Restriction BODÖ AB/NOR

„Call ATC 30 nm out“



IP W:  
Rwy. 08  
10.000 ft AGL

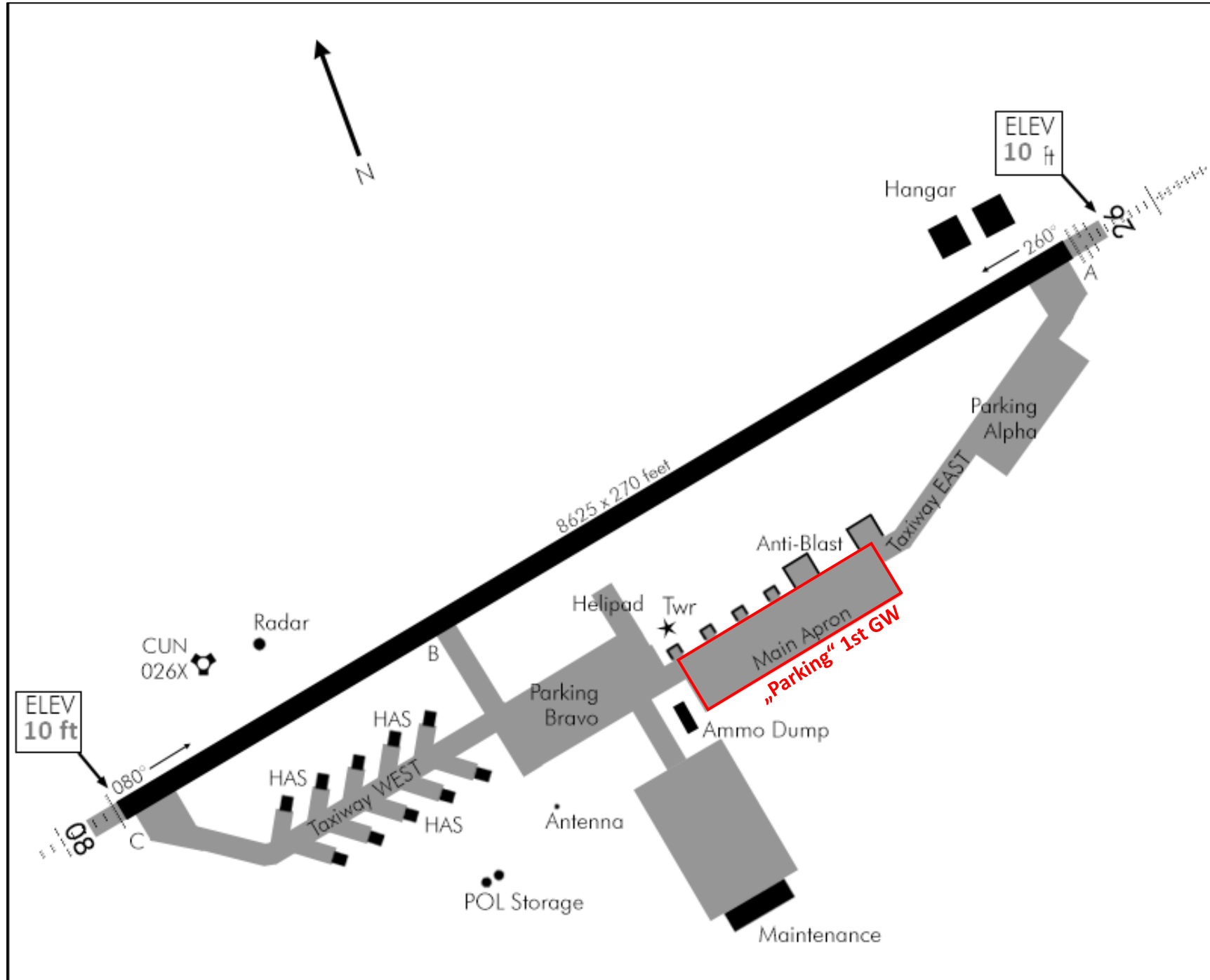
PPT 5b / Entry  
N67° 18,500  
E 13° 00,500

IP E:  
Rwy. 26  
15.000 ft AGL

BODO	045 X	200	110.30 (08)	108.70 (26)	398.65	118.10	08 / 26	10	N 67° 16.950' E 14° 00.075'
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# BODÖ Air Base/Norway



BODO	045 X	200	110.30 (08)	108.70 (26)	398.65	118.10	08 / 26	10	N 67° 16.950' E 14° 00.075'
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