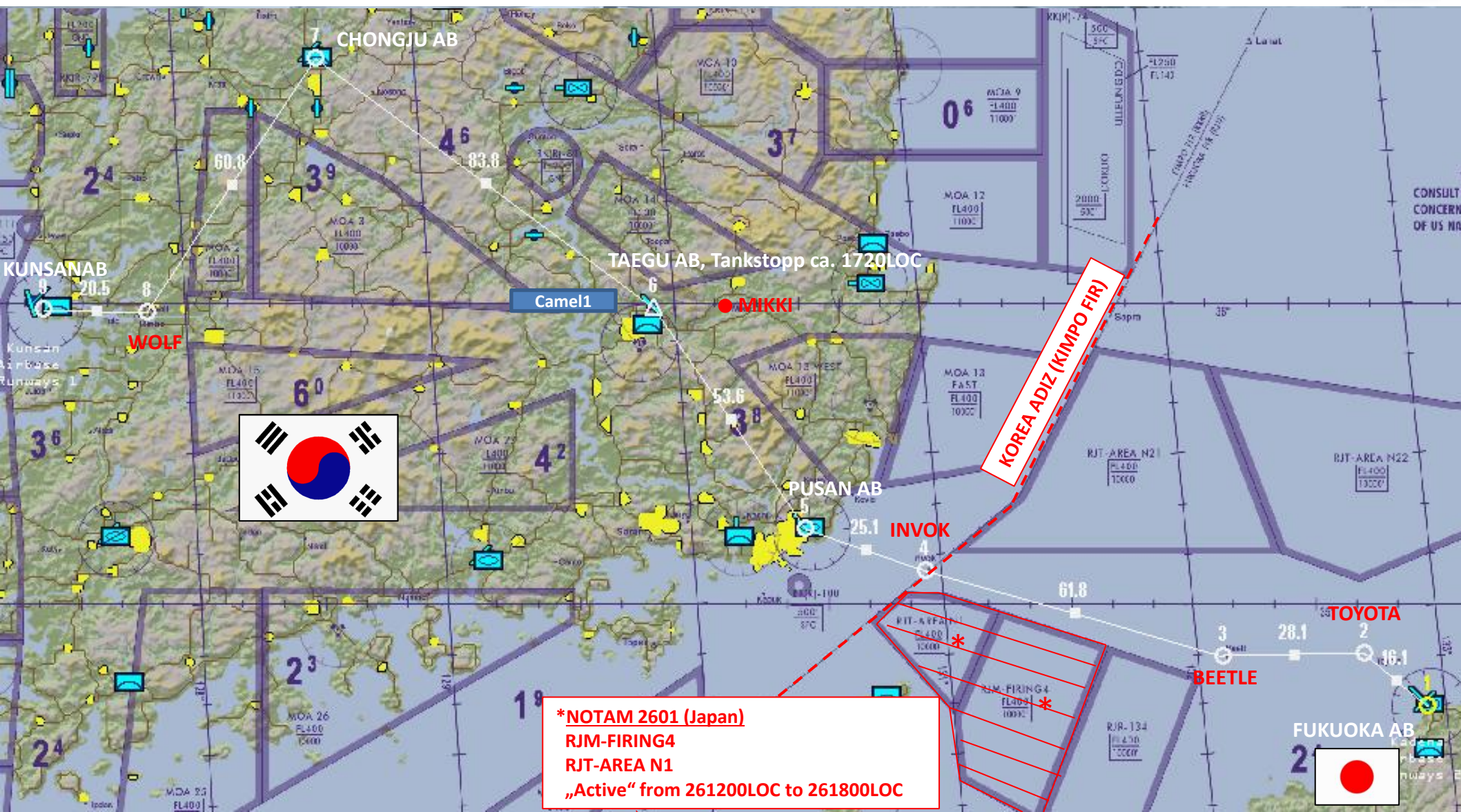


BENCHMARK SIMS

Version 4.33



- Wetter: fair, trocken, Wind aus 330° mit 8kts**



NOTAM 2601

Japan Air Self-Defense Force, (JASDF)

Luftverteidigungskommando: Westliche Zone (WADF), HQ-KASUGA



Name and lateral limits RJ(T)-AREA N1 RJ(M)-FIRING4	Upper Limit	Remarks
	Lower Limit	
RJ(T)- AREA N1 : Active 261200LOC to 261800LOC		
N35°02.390' E130°50.266' - N35°02.040' E131°01.122' N34°58.762' E131°13.228' - N34°38.088' E131°00.175' N34°56.664' E130°41.346'	FL400	JASDF Air to Air firing 100Nm West of Fukuoka: 225.5
	10000'	
RJ(M) FIRING4 : Active 261200LOC to 261800LOC		
N34°58.762' E131°13.228' - N34°51.492' E131°38.921' N34°16.467' E131°18.246' - N34°25.020' E131°00.000' N34°38.088' E131°00.175'	FL400	JASDF Air to Air firing 80Nm West of Fukuoka: 225.5
	10000'	
RJ(T)- AREA N21		
N35°51.038' E131°41.725' - N35°47.454' E132°09.353' N35°09.952' E132°22.581' - N35°09.952' E131°02.171' N35°21.360' E131°20.128'	FL400	JASDF Air to Air training. 40Nm North Fukuoka: 225.5
	10000'	
RJ(T)- AREA N22		
N35°47.454' E132°09.353' - N35°36.040' E133°41.086' N35°26.668' E133°48.483' - N35°04.376' E132°41.251' N35°09.952' E132°22.581'	FL400	JASDF Air to Air training. 75Nm North West of Fukuoka: 225.5
	10000'	

Roster/Weather Information



ATIS Military	RODN INFO: B 011625LT RWY33 TRL140 330/10KT BLU 28/18 Q1013 NOSIG
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Weather Briefing

2Flug-433 - Callsign Avenger1

Target

SA 011625LT 330/10KT BLU 28/ 18 Q1013
NOSIG =

FC 011625LT 0112/0124 330/10KT BLU

Departure

RODN / DNA - Fukuoka

SA RODN 011625LT 330/10KT BLU 28/ 18 Q1013
NOSIG =

FC RODN 011625LT 0112/0124 330/10KT BLU

Alternate

SA RODN 011625LT 330/10KT BLU 28/ 18 Q1013
NOSIG =

FC RODN 011625LT 0112/0124 330/10KT BLU

Extended around departure

RODN / DNA - Fukuoka

SA RODN 011625LT 330/10KT BLU 28/ 18 Q1013
NOSIG =

FC RODN 011625LT 0112/0124 330/10KT BLU

Zum Einsatz kommen: Package 5024, Training-Mission, F16CM-50

TO: FUKUOKA/JAPAN 17:00LOC

ARR: KUNSAN/ROK 18:15LOC

-Avenger1: Joker, Stingray, Paladin, Opasi

-Gypsy1: Keule, Cupra, Ghost rider, Stranger

-Cowboy2: Fatality, Reaper, Corran, Bluebird

-Falcon2: Dro16, Slick, Mobius, Sledge

-Fury2: Hunter, Sparrow, TheWitch, KI

-Package 1329

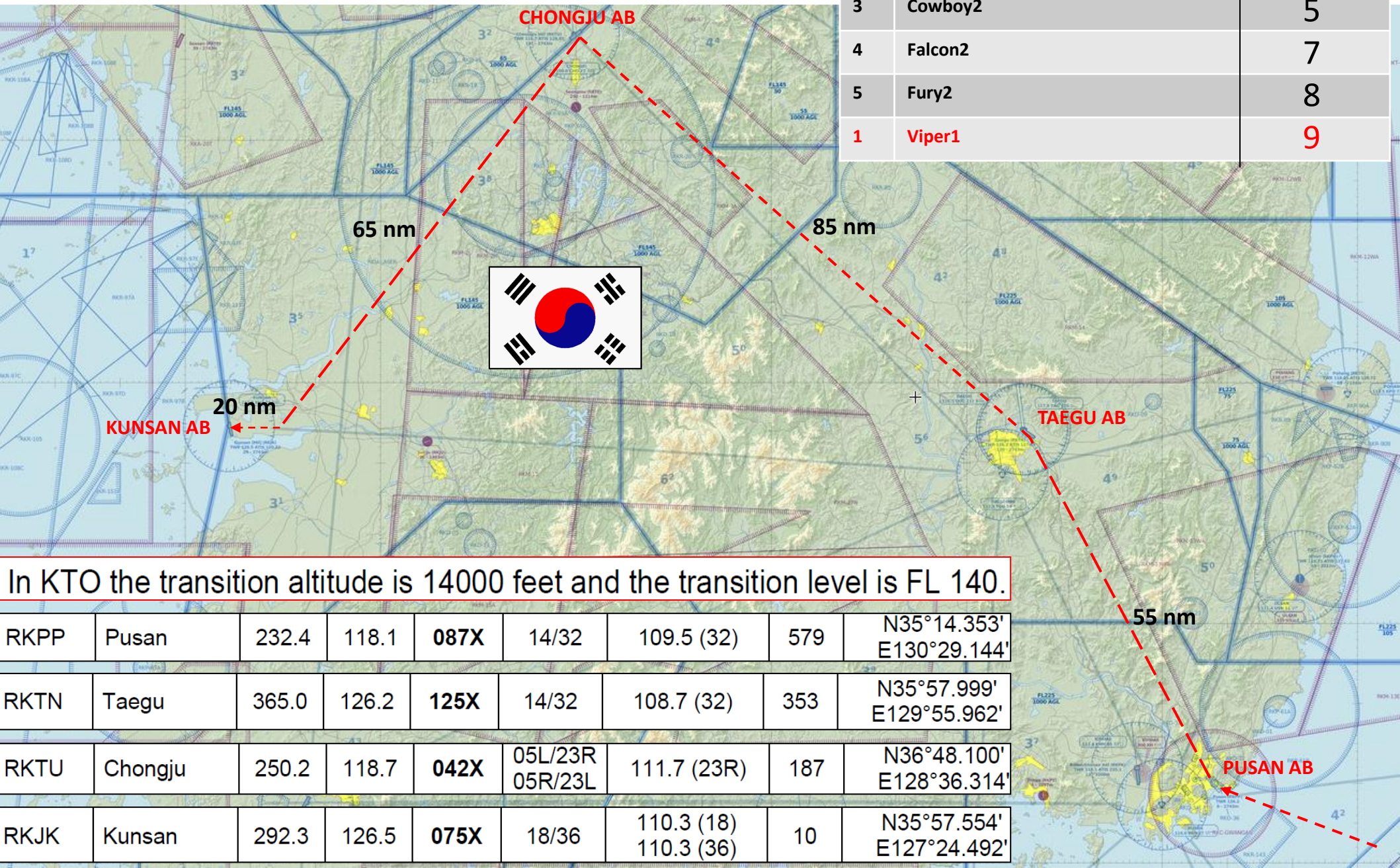
-Viper1: Sneakpeek, BadCrow, KI, KI

-ATC: by 2nd Lt Ziri

**FUKUOKA (DEP), PUSAN (ID/TRANSIT), TAEGU (Hot-Pit),
CHONGJU (Clearance „Flyover“), KUNSAN (ARR)**



Geländerelief/Frequenzmanagement



Stand: 251500AJAN16		VHF
1	Avenger1	1
2	Gypsy1	4
3	Cowboy2	5
4	Falcon2	7
5	Fury2	8
1	Viper1	9

In KTO the transition altitude is 14000 feet and the transition level is FL 140.

RKPP	Pusan	232.4	118.1	087X	14/32	109.5 (32)	579	N35°14.353' E130°29.144'
RKTN	Taegu	365.0	126.2	125X	14/32	108.7 (32)	353	N35°57.999' E129°55.962'
RKTU	Chongju	250.2	118.7	042X	05L/23R 05R/23L	111.7 (23R)	187	N36°48.100' E128°36.314'
RKJK	Kunsan	292.3	126.5	075X	18/36	110.3 (18) 110.3 (36)	10	N35°57.554' E127°24.492'

Performance



Airport

Select APT

Charts

Fukuoka

RWY: 33 RODN

ELV: 106 DNA

TODA: 8151 f / 2485 m

LDA: 8151 f / 2485 m

Width: 150 f / 46 m

Temp C: 28 F: 82 ISA dev: 13

Wind: 330 / 10 HWC: 10
CWC: 0

QNH: 1013 Hpa 29.91 In

Aircraft

Type: F-16CM-52

Empty Weight: 19500

Loadout: 3748 Set

Block Fuel: 12194

Taxi Fuel: 200

Takeoff Fuel: 11994

Gross weight: 35242

Max weight: 48000

Drag Factor: 101

TakeOff

Pitch: 13

Power: MIL

Rotate: 145

Lift Off: 155

Refusal: 170

Factor: 2.606

Engine Info

Power Plant: F100-PW-229

Dry: 17000 lbs

Max: 28500 lbs

Mil Power: 97 %

MAX AB Climb

Climb Schedule 545/0.90

Distance 2.5 nm

Fuel Burned 395 lbs

Time 0 min 20 sec

MIL Climb

Climb Schedule 400/0.84

Distance 9.0 nm

Fuel Burned 302 lbs

Time 1 min 13 sec

Cruise

Opt Mach: 0.84

Cruise Alt: 11400

Opt Cruise Alt: 33600

Cruise Ceiling: 36996

Service Ceiling: 37666

Climb Explanation

A constant throttle position (MIL or MAX AB) from brake release to MIL or MAX AB climb speed is used. After takeoff, a constant pitch attitude of 12 degrees is held until 2500 feet AGL. A level acceleration to climb speed is then made. In some cases, climb airspeed will be reached prior to gaining 2500 feet AGL. This technique was developed for performance calculations only and not as an operational procedure.

Input

Speed 230 CAS

Altitude 15000 feet

G's 4 g

Actual Temp -15 °C

Result

Speed 287 TAS

Mach 0.46 M

Temperature ISA -15 °C

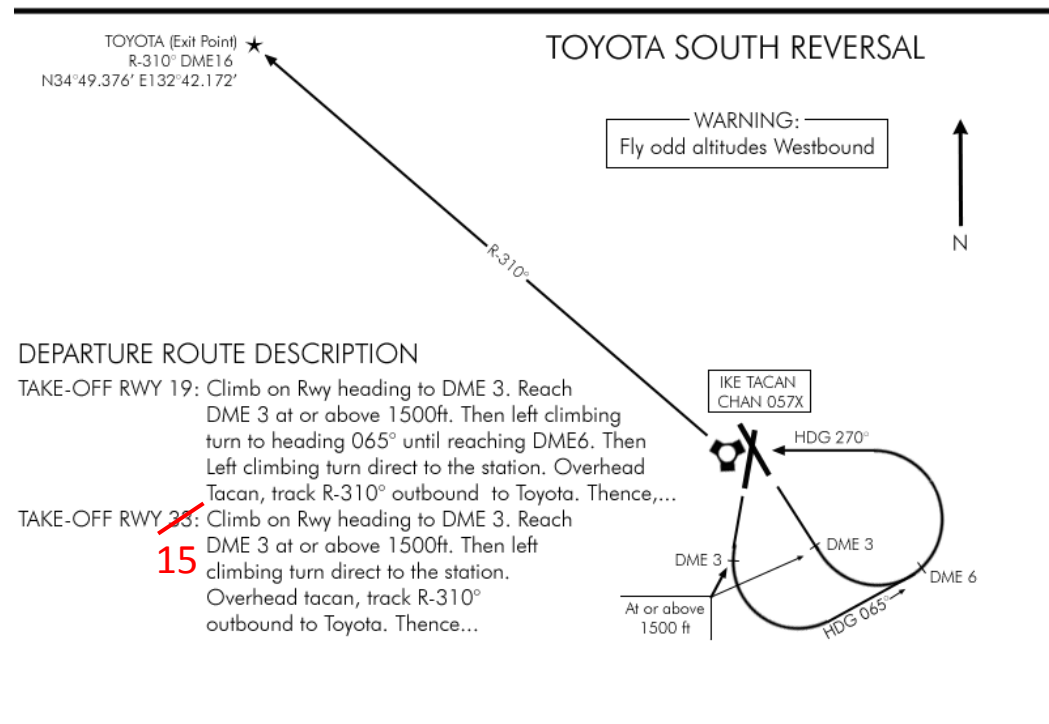
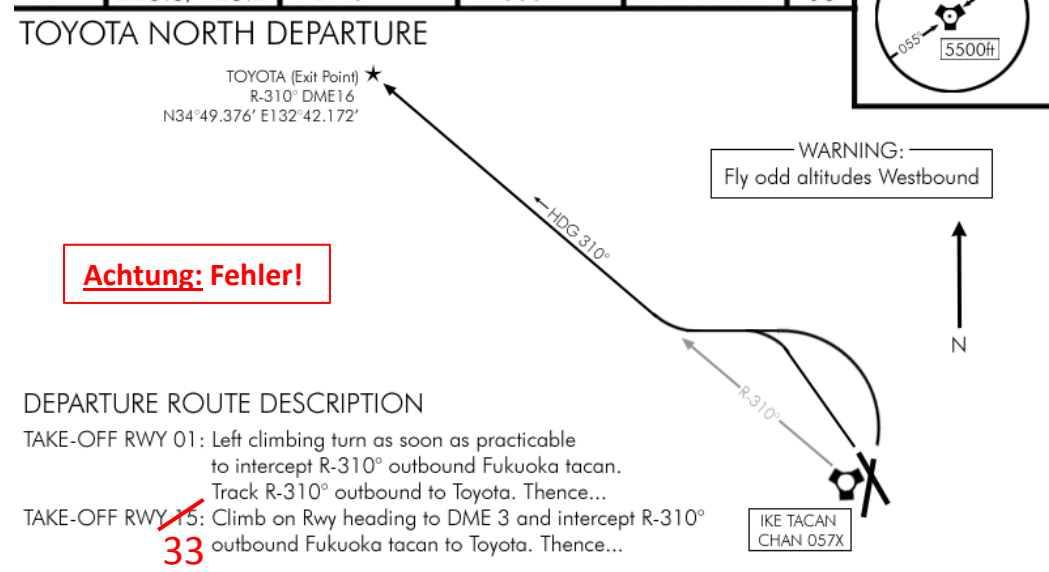
ISA Dev 0 °C

Density Alt 15000 feet

Turn Radius 1827 feet

FUKUOKA (KADENA)(RJFF
JAPAN

TACAN:	TWR:	TRANS LEVEL:	TRANS ALT:	GPS:	ELEV:	
057X	225.5/126.2	FL140	14000ft	N34°39.350' E132°55.367'	106'	

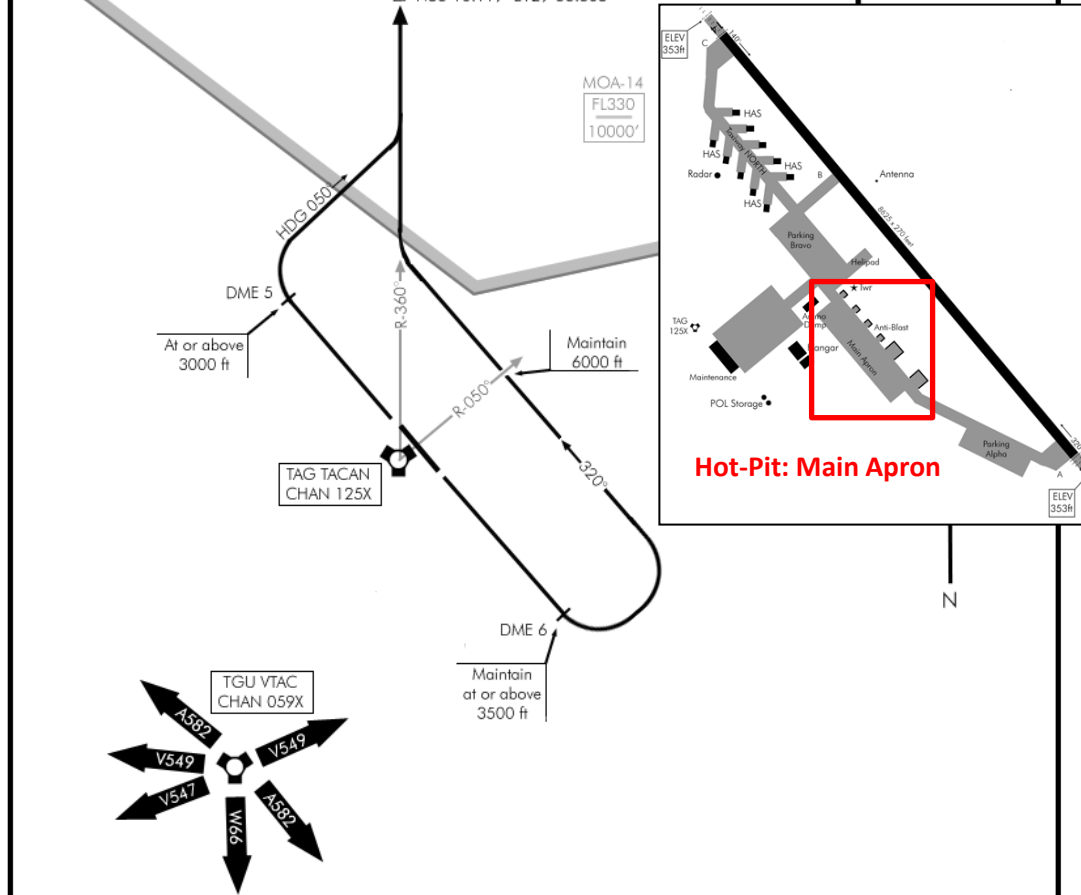


TAEGU 6 DEPARTURE

Date: 13 Aug 2014

TAEGU (RKTN)
SOUTH KOREA

TACAN:	TWR:	TRANS ALT:	TRANS LEVEL:	GPS:	ELEV:	MSA 25 Nm
125X	365.0/126.2	14000ft	FL140	N35°57,999' E129°55.962'	353'	



DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 14: Climb on track 140° until reaching 6 DME at or above 3500 ft. Then turn LEFT heading 320° climbing to 6000 ft. Cross R-050° TAEGU tacan at 6000 ft. Maintain 6000 ft until intercepting R-360° outbound TAEGU tacan then climb to assigned altitude; Thence,...

TAKE-OFF RWY 32: Climb on track 320° until reaching 5 DME at or above 3000 ft. Then RIGHT climbing turn heading 050° to intercept R-360° outbound TAEGU tacan to TOOGA. Thence...

TAEGU 6 DEPARTURE

NOT FOR REAL NAVIGATION - FALCON 4 BMS ONLY

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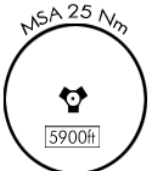
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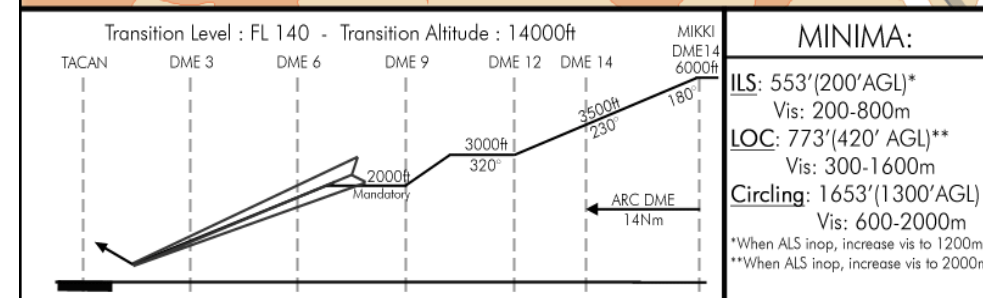
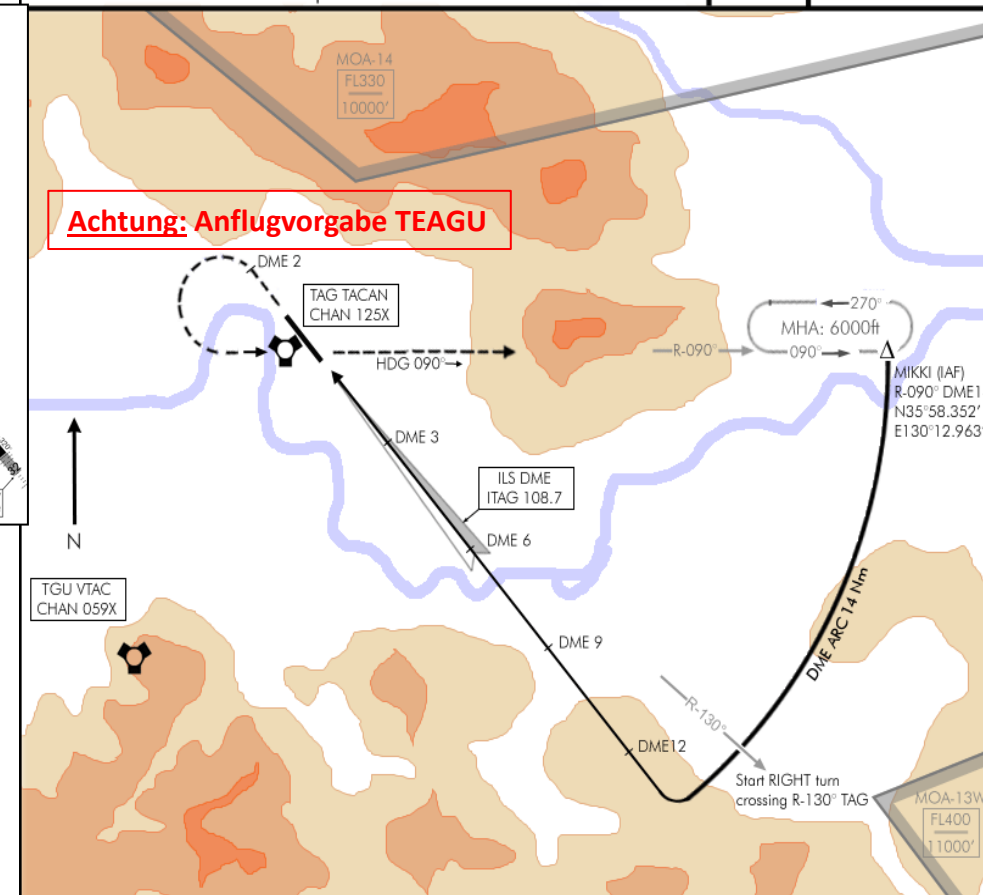
SOUTH KOREA

ILS RWY 32

Date: 13 Aug 2014

TAEGU (RKTN)
SOUTH KOREA

TACAN:	TWR:	ILS:	ILS DH:	LOC:	GPS:	ELEV:	MSA 25 Nm
125X	365.0/126.2	108.7	553' (200' AGL)	320°	N35°57,999' E129°55.962'	353'	



ILS RWY 32

NOT FOR REAL NAVIGATION - FALCON 4 BMS ONLY

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TAEGU (RKTN)

SOUTH KOREA