INSTRUMENT APPROACH CHART AERODROME ELVE 76 ft HEIGHTS RELATED TO THR RWY 10 - ELEV 76 ft HIGHEST ELEV TDZ 76 ft

POHANG APP 124.25 120.2 232.4 POHANG TWR 118.05 236.6 308.50 236.6 POHANG/Pohang(RKTH) LOC/DME RWY 10

Note: Approach and circle-to-land under U.S TERPS. **ELEV, ALT IN FEET** DIST IN NM **VOR/DME or TACAN Required BRG ARE MAG** Sort VAR 8° W True (IAF) **POSCO** 5 000 NPH D15 DAEBO 6 000 **NPH D15** NPH D11 NPH D11 **∆**2 647 LOC 110.9 1 900 A LR-288 I-KPO <u>≒</u> CH 46 35°59'17"N 129°26'02"E **∆**65ა **∆**857 277 (MAPt) (IF) I-KPO (FAF) I-KPO I-KPO I-KPO NAVY D9 I-KPO ↑ 1 066 D4.8 **VORTAC 109.6** D2.3 D12.2 D6.2 2 600 NPH ₹ 1\_300 3 600 1 800 CH 33 35°59'10.9"N 129°24'31.8"E 100 fi 80 3700 4800 NOTE Missed approach requires minimum climb of 360 ft/NM to 4 700 ft. 1. 2. For INOP ALSF-1, increase CAT A, B visibility to 1.1/4 mile, and increase **NOT TO SCALE** CAT C, D visibility to 1 1/2 mile. MSA 25 NM Circling is not authorized north of RWY 10-28. NPH VORTAC 6 000 TRANSITION ALT 14 000 Note: VGSI and descent angles not R 040 DAEBO NHP **HDG** coincident (VGSI Angle 3.00° TCH 49). TRANSITION LVL FL 140 HDG D1 **NPH**  $\triangle$ 010° (IAF) 097° **POSCO** (FAF) I-KPO MISSED APPROACH I-KPO R 330 NPH I-KPO D12.2 Climb to 6 000 ft via HDG 097  $^{\circ}$  to NPH 1 DME and climbing D9 D11 D6.2 left turn HDG 010° to intercept R 040 NPH and R 040 NPH to DAEBO and hold, continue climb-in-hold to 6 000 ft. 5 000 (MAPt) I-KPO 097°. I-KPO 097° D4.8 3 600 D2.3 097% 2 600 NPH D11 ARC 1 800 1 300 VDA 3.1° Note: Use I-KPO DME when on the localizer course. 2.5 NM 1.04 NM - 1.4 NM **CATEGORY** В C D **S-LOC 10** 600-3/4 524(600-3/4) 600-1 524(600 - 1) 940-1 5/8 1 000-1 5/8 1 160-3 1 440-3 **CIRCLING** 864(900-1 5/8) 924(1 000- 1 5/8) 1 084(1 100-3) 1 364(1 400-3)

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INSTRUMENT APPROACH CHART AERODROME ELVE 76 ft HEIGHTS RELATED TO THR RWY 10 - ELEV 76 ft HIGHEST ELEV TDZ 76 ft

POHANG APP 124.25 120.2 232.4 POHANG TWR 118.05 236.6 308.50 POHANG/Pohang(RKTH) VOR/DME or TACAN RWY 10

Note: Approach and circle-to-land under U.S TERPS **ELEV, ALT IN FEET** DIST IN NM **BRG ARE MAG** VAR 8° W 3700 4800 North MSA 25 NM True NPH VORTAC 74+500 5304 48 . (IAF) **DAEBO POSCO NPH D15** 6 000 5 000 **NPH D15** — NAVY — VORTAC 109.6 NPH D11 NPH D11 NPH ; ... • CH 33
35°59'10.9"N
129°24'31.8"E
100 ft 0,000 2330 NRH **∆** 2 306 Ö -LR-291-1 900 -R 280 NPH 00 **∆**653 **∆**857 **^** 844 (IÉ) **NPH** (FÁF) NPH (MAPt) NPH NPH D1 NPH NPH D3 D8 D11 D5 D1 2 700 1 100 **∆** 1 066 3 600 1 800 NOTE 1. Missed approach requires minimum climb of 360 ft/NM to 4 700 ft. 2. For INOP ALSF-1, increase CAT A, B visibility to 1  $1/4\,$  mile, and increase CAT C, D visibility to 1 5/8 mile. **NOT TO SCALE** 3. Circling is not authorized north of RWY 10-28. 4. 844 ft was not considered as final approach controlling OBST due to close to FAF. TRANSITION ALT 14 000 6 000 DAEBO NHP R 040 HDG TRANSITION LVL FL 140 HDG D1 010° NPH  $\triangle$ 100° (IF) (IAF) **POSCO** NPH (FAF) MISSED APPROACH NPH R 280 NPH R 330 NPH NPH Climb to 6 000 ft via HDG  $100^{\circ}$  to NPH 1 DME and climbing left turn D11 D8 D11 HDG 010° to intercept R 040 NPH and R 040 NPH to DAEBO and hold, continue climb-in-hold to 6 000 ft. 5 000 NPH 100% 1000-1000 D3 (MAPt) NOTE: VGSI and RNAV NPH 3 600 glidepath not coincident. D1.5 2 700 (VGSI Angle 3.00° TCH 49) 1 800 1 100 NPH D11 ARC VDA 3.06° TCH 56 2.0 NM -2.0 NM 0.98 NM CATEGORY D Α В C 620 - 3/4 544(600 - 3/4) 620 - 1 1/8 544(600 - 1 1/8) S-VORTAC 28 940 - 1 1/4 1 000 - 1 1/4 1 160 - 3 1 440 - 3 **CIRCLING** 864(900 1 1/4) 1 084(1 100 - 3) 1 364(1 400 - 3) 924(1 000 - 1 1/4)

**LEFT** 

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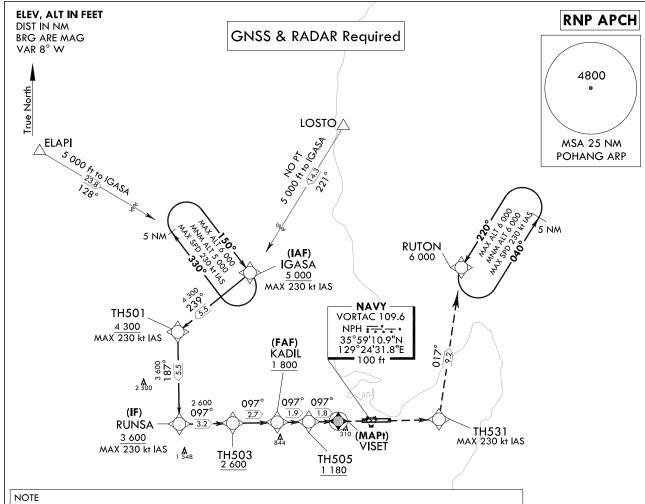
AIRAC AIP AMDT 14/21 Effective : 1600UTC 26 JAN 2022 **INSTRUMENT** 

APPROACH CHART

Note: Approach under U.S TERPS.

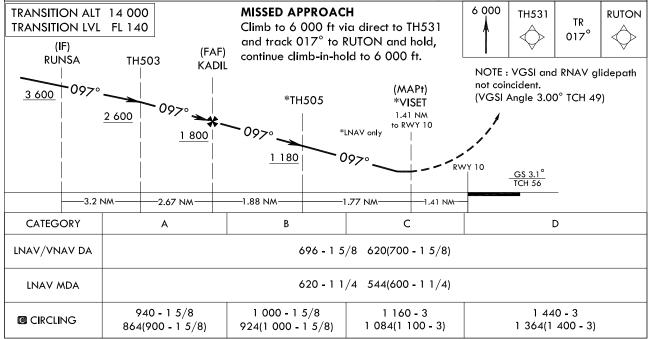
**AERODROME ELVE 76** ft HEIGHTS RELATED TO THR RWY 10 - ELEV **76** ft HIGHEST ELEV TDZ **76** ft

POHANG APP 124.25 232.4 POHANG TWR 118.05 120.2 236.6 POHANG/Pohang(RKTH) **RNP RWY 10** 



- 1. DME/DME RNP-0.3 N/A.
- Missed approach requires minimum climb of 360 ft/NM to 6 000 ft.
- 3. Limit initial and missed approach to MAX 230 kt IAS.
- For ALS INOP, all CAT LNAV/VNAV increase visibility to 2 mile and all CAT LNAV increase visibility to 1 5/8 mile.
- Circling is not authorized north of RWY 10-28.
- For uncompensated Baro-VNAV system, LNAV/VNAV N/A below -18°C(0°F) or above 54°C(130°F).
- 7. Procedure N/A for arrival at ELAPI on Y685/G585 NorthWestbound.
- Procedure N/A for arrival at LOSTO on V11 Northbound.

**NOT TO SCALE** 



#### POHANG/Pohang(RKTH) RNP RWY 10

#### **AERONAUTICAL DATA TURBULATION**

Tables
Coding
Procedure
Approach
Instrument

	ı	ı		
•	IAF		Remarks	ı
RNAV 1	RNAV 1		Navigation specification	RNAV 1
ı	ı		VPA/ TCH	ı
36°20'14.1"N 128°50'50.9"E	36°08'10.4"N 129°16'16.6"E		Coordinates	36°20'15.8"N 129°25'48.3"E
1	ı		Speed (kt)	ı
ı	+5 000		Altitude (ft)	ı
ı			Turn direction	
ı	23.8		Distance (NM)	1
ī	128 (120.2)		Course/Track °M(°T)	•
1		(IAF)	Fly- over	
ELAPI	IGASA	TO to IGASA	Waypoint Identifier	LOSTO
ı	¥	10 - via LOSI	Path Descriptor	ı
100	002	RNP RWY	Serial Number	100
	ELAPI 36°20'14.1"N 128°50'50.9"E	ELAPI         -         -         -         36°20'14.1"N 128°50'50.9"E         RNAV 1           TF         IGASA         -         128 (120.2)         23.8         +5 000         -         36°08'10.4"N 129°16'16.6"E         RNAV 1	TF IGASA - 128 (120.2) 23.8 - +5 000 - 36°08'10.4"N 129°16'16.6"E - RNAV 1	128 (120.2)   23.8     +5 000     36°20'14.1"N 128°50'50.9"E     RNAV 1   RNAV 1

ΑF

RNAV

36°08'10.4"N 129°16'16.6"E

221(212.6)

GASA

μ

002

	VPA/ Navigation Remarks TCH specification	16.6"E - RNAV 1 Bank Angle 23°	.55.6"E - RNAV 1 Bank Angle 23°	02.0"E - RNAV 1 Bank Angle 23°	58.6"E - RNAV 1	115.9"E - RNP APCH FAF	35.2"E - RNP APCH (LNAV only)	'46.2"E - RNP APCH MAPt(LNAV only)	11.8"E RNAV 1 CG 360 ft/NM to 6 000 ft	55.0"E RNAV 1	
	Coordinates	36°08'10.4"N 129°16'16.6"E	36°04'38.0"N 129°10'55.6"E	35°59'06.5"N 129°11'02.0"E	35°59'09.5"N 129°14'58.6"E	35°59'11.9"N 129°18'15.9"E	35°59'13.5"N 129°20'35.2"E	35°59′15.0″N 129°22′46.2″E	35°59'19.7"N 129°30'11.8"E	36°08'26.0"N 129°31'55.0"E	
	Speed (kt)	-230	-230	-230	ı	ı			-230	-230	
	Altitude (ft)	+5 000	+4 300	+3 600	+2 600	+1 800	+1 180	+620	1	9 000	
	Turn	1	ı	1	1	ı	,	ı	1	1	
	Distance (NM)		5.5	5.5	3.2	2.7	1.9	1.8		9.2	
	Course/Track °M(°T)	ı	239 (230.8)	187(179.1)	097(089.1)	097(089.1)	097(089.2)	097(089.2)	ı	017(008.7)	
	Fly- over	ı	ı	ı	1	ı	ı	>	ı	ı	
, RUTON	Waypoint Identifier	IGASA	1H501	RUNSA	TH503	KADIL	TH505	VISET	TH531	RUTON	1
RNP RWY10 - IGASA to RUTON	Path Descriptor		1L	ΤF	Ħ	1L	¥	1F	PF	¥	, , , ,
RNP RWY1	Serial Number	100	005	003	004	900	900	200	800	600	0.0

HOLDING PROCEDURE												
Holding Identification	Path Descriptor	Path Waypoint Descriptor Identifier	Fly- over	Waypoint Fly- Course/Track Distance Identifier over °M(°T) (NM) di	Distance (NM)	Turn rection	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
01 VAVA GING	WH	IGASA	1	150	5	W.	000 9+ 000 9-	-230	36°08'10.4"N 129°16'16.6"E	•	RNAV 1	Inbound Leg
	ΨH	RUTON	i	220	5	7	000 9	-230	36°08'26.0"N 129°31'55.0"E	į	RNAV 1	Inbound Leg

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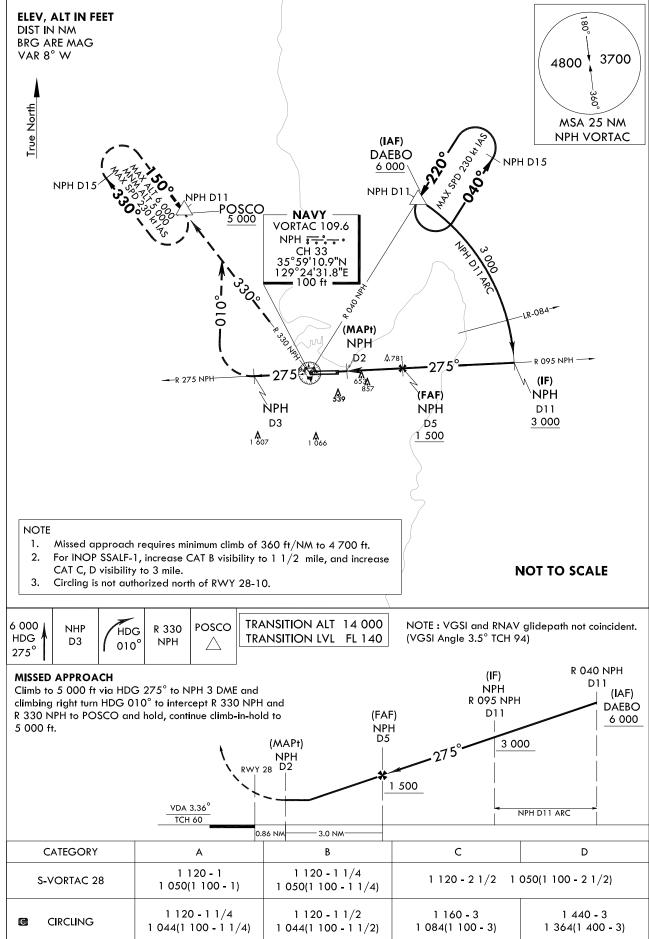
RNP RWY 10 - via ELAPI to IGASA(IAF)

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INSTRUMENT APPROACH CHART AERODROME ELVE 76 ft HEIGHTS RELATED TO THR RWY 28 - ELEV 62 ft HIGHEST ELEV TDZ 70 ft

POHANG APP 124.25 120.2 232.4 POHANG TWR 118.05 308.50 236.6 POHANG/Pohang(RKTH) VOR/DME or TACAN RWY 28

Note: Approach and circle-to-land under U.S TERPS.



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**INSTRUMENT** APPROACH

HEIGHTS RELATED TO THR RWY 28 - ELEV **62** ft **CHART** HIGHEST ELEV TDZ 70 ft Note: Approach under U.S TERPS.

AERODROME ELVE 76 ft

POHANG APP 120.2 232.4 118.05 308.50 POHANG TWR 236.6

POHANG/Pohang(RKTH) **RNP RWY 28** 

**ELEV, ALT IN FEET** RNP APCH **GNSS & RADAR Required** DIST IN NM **BRG ARE MAG** VAR 8° W LOSTO 4800 True North MSA 25 NM IGASA POHANG ARP (IAF) 5 000 RUTON 6 000 TH701 4 500 MAX 230 kt IAS NAVY **VORTAC 109.6** 5.9 5.9 35°59'10.9"N 129°24'31.8"E (IF) SABUM 100 ft 3 000 1 800 277° MAX 230 kt IAS 5.4 TH731 MAX 230 kt IAS (FAF) <sup>539</sup>(MAPt) VEĽKI **PAPTO** 1/800 1 066 **BULGA** TH702 (IAF) 4 000 **DOKPA** ob. MAX 230 kt IAS NOTE 5 000 DME/DME RNP-0.3 N/A. MAX 230 kt IAS 1. 2. Missed Approach requires minimum climb of 360 ft/NM to 5 000 ft. 3. Limit initial and missed approach to MAX 230 kt IAS kt IAS.
For ALS INOP, CAT A, B LNAV increase
visibility to 1 1/2 mile and CAT C, D LNAV
increase visibility to 3 mile.
Circling is not authorized north of RWY 28-10. For uncompensated Baro-VNAV system, LNAV/VNAV N/A below -18°C(0°F) or above 54°C(130°F). Procedure N/A for arrival at BULGA on VETO-14-804 National Procedure N/A for arrival Attached Procedu APARU **NOT TO SCALE** 7. Y579/A586' Northeastbound. 6 000 NOTE TH731 **IGASA** TRANSITION ALT 14 000 TR VGSI and RNAV glidepath not coincident. TRANSITION LVL FL 140 346° (VGSI Angle 3.5° TCH 94) MISSED APPROACH (IF) Climb to 5 000 ft via direct to TH731 **SABUM** and track  $346^{\circ}$  to IGASA and hold. (MAPt) (FAF) \*PAPTO VELKI 3 000 1.26 NM RWY28 1 800 \*LNAV only LNAV/VNAV Fly visual 277° 3.33 NM to RWY 28 GS 3.5° TCH 60 3.26 NM 5.35 NM **CATEGORY** Α В LNAV/VNAV DA 1 360 - 3 1 290(1 300-3) LNAV MDA 1 120 - 1 1/4 1 050(1 100 - 1 1/4) 1 120 - 2 1/2 1 050(1 100 - 2 1/2) 1 160 - 3 1 440 - 3 CIRCLING 1 120 - 1 1/2 1 044(1 100 - 1 1/2) 1 084(1 100 - 3)

1 364(1 400 - 3)

### POHANG/Pohang(RKTH) RNP RWY 28

### **AERONAUTICAL DATA TABULATION**

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Serial Number	Path Descriptor	Waypoint Identifier	Fly- over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
100		LOSTO	ı	ı	ı	-	Ī	1	36°20'15.8"N 129°25'48.3"E	1	RNAV 1	ı
002	ŦĿ	RUTON	ı	165 (157.3)	12.8		000 9@		36°08'26.0"N 129°31'55.0"E	1	RNAV 1	IAF
RWY 2	RNP RWY 28 - via BULGA to RUTON(IAF)	A to RUTON	4(IAF)									
Serial Number	Path Descriptor	Waypoint Identifier	Fly- over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
100	-	BULGA	ı	ı	ı	-	-	1	35°56'08.6"N 129°49'24.4"E	1	RNAV 1	•
002	Ħ	RUTON	1	319 (311.0)	18.8		000 9@	1	36°08'26.0"N 129°31'55.0"E	ı	RNAV 1	IAF
RWY ;	RNP RWY 28 - via APARU to DOKPA(IAF)	RU to DOKP.	A(IAF)									
Serial Number	Path Descriptor	Waypoint Identifier	Fly- over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
100	1	APARU	1	,	ı	ı	1	ı	35°24'42.1"N 129°09'32.1"E	ı	RNAV 1	1
002	TF.	DOKPA		044 (035.8)	31.5		@2 000	ı	35°50'15.6"N 129°32'11.3"E		RNAV 1	IAF
RWY 2	RNP RWY 28 - via RUTON to SABUM(IF)	ON to SABUA	W(IF)									
Serial Number	Path Descriptor	Waypoint Identifier	Fly- over	Course/Track °M(°T)	Distance (NM)	Turn	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
100	ı	RUTON	ı	1		ı	000 9@	-230	36°08'26.0"N 129°31'55.0"E	ı	RNP APCH	IAF Bank Angle 23°
002	TF	TH701	1	130(122.1)	5.8	1	+4 500	-230	36°05'19.8"N 129°38'00.3"E	ı	RNP APCH	Bank Angle 23°
003	Ħ	SABUM	1	187(179.4)	5.9		+3 000	-230	35°59'24.2"N 129°38'05.2"E		RNP APCH	IF Bank Angle 23°
WY 2	RNP RWY 28 - via DOKPA to SABUM(IF)	PA to SABUA	(IF)									
Serial Number	Path Descriptor	Waypoint Fly- Identifier over	Fly-	Course/Track °M(°T)	Distance (NM)	Turn	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
100	1	DOKPA	ı	•	ı	1	@2 000	-230	35°50'15.6"N 129°32'11.3"E	1	RNP APCH	IAF Bank Angle 23°
002	TF	TH702		065(056.5)	5.8	ı	+4 000	-230	35°53'28.7"N 129°38'10.1"E	1	RNP APCH	Bank Angle 23°
003	¥	SABUM		007(359.4)	5.9	1	+3 000	-230	35°59'24.2"N 129°38'05.2"E	1	RNP APCH	IF Bank Angle 23°

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### POHANG/Pohang(RKTH) RNP RWY 28

### **AERONAUTICAL DATA TABULATION**

Instrument Approach Procedure Coding Tables

RNP RWY 28 - via SABUM to MAPt

Remarks	FAF Bank Angle 23°	(LNAV only)	MAPt(LNAV only)	CG 360 ft/NM to 5 000 ft	ı	ı
Navigation specification	RNP APCH	RNP APCH	RNP APCH	RNAV 1	RNAV 1	RNAV 1
VPA/ TCH	1	ı	ı	ı	1	ı
Coordinates	35°59'24.2"N 129°38'05.2"E	35°59'20.5"N 129°31'29.9"E	35°59'18.0"N 129°27'29.1"E	35°59'13.7"N 129°20'49.9"E	36°08'10.4"N 129°16'16.6"E	36°08'10.4"N 129°16'16.6"E
Speed (kt)	-230	1		-230	-230	-230
Altitude Speed (kt)	+3 000   -230	+1 800	+1 120	1	+5 000 -230	-6 000 +5 000
Turn direction	i	ı	-	i	ı	~
Distance (NM)	-	5.4	3.3		2.6	ı
Path Waypoint Fly- Gourse/Track Distance Descriptor Identifier over °M(°T) (NM)	-	277(269.4)	277(269.3) 3.3	ı	346(337.6) 9.7	330
Fly- over			<b>&gt;</b>			
Waypoint Identifier	SABUM	VELKI	PAPTO	TH731	IGASA	IGASA
	TF	¥	TF	DF	11	Ľ
Serial Number	100	005	003	004	900	900

Navigation Remarks	RNAV 1 Inbound Leg	RNAV 1 Inbound Leg
VPA/ TCH	1	,
Coordinates	36°07'58.0"N 129°16'20.0"E	36°08'26.0"N 129°31'55.0"E
Speed (kt)	-230	-230
Altitude (ft)	-6 000 +5 000	000 9@
Furn ection	×	7
Distance (NM)	5	5
point Fly- Course/Track Distance I	150	220
Fly- over	1	1
Waypoint Identifier	IGASA	RUTON
Path Waypoint Descriptor Identifier	WH	WH
Holding	סכ איאים מואמ	NAT TANK

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