

List of pages in this Trip Kit

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Airport Information For UHPP

Terminal Charts For UHPP

Revision Letter For Cycle 25-2012

Change Notices

Notebook

General Information

Location: Petropavlovsk-Kamchatsky Rus

IATA Code: PKC

Lat/Long: N53° 10.2' E158° 27.2'

Elevation: 131 ft

Airport Use: Public

Magnetic Variation: 6.4°W

Fuel Types: Jet A-1

Repair Types: Minor Airframe, Minor Engine

Customs: Yes

Airport Type: IFR

Landing Fee: Yes

Control Tower: Yes

Jet Start Unit: No

LLWS Alert: No

Beacon: No

Sunrise: 2141 Z

Sunset: 0517 Z,

Runway Information

Runway: 16L

Length x Width: 11148 ft x 197 ft

Surface Type: concrete

TDZ-Elev: 114 ft

Lighting: Edge

Runway: 34R

Length x Width: 11148 ft x 197 ft

Surface Type: concrete

TDZ-Elev: 131 ft

Lighting: Edge, ALS

Communication Information

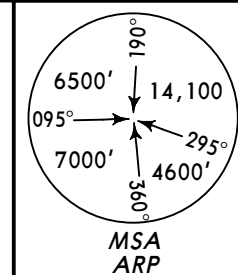
ATIS 126.8

Petropavlovsk Start Tower 118.1

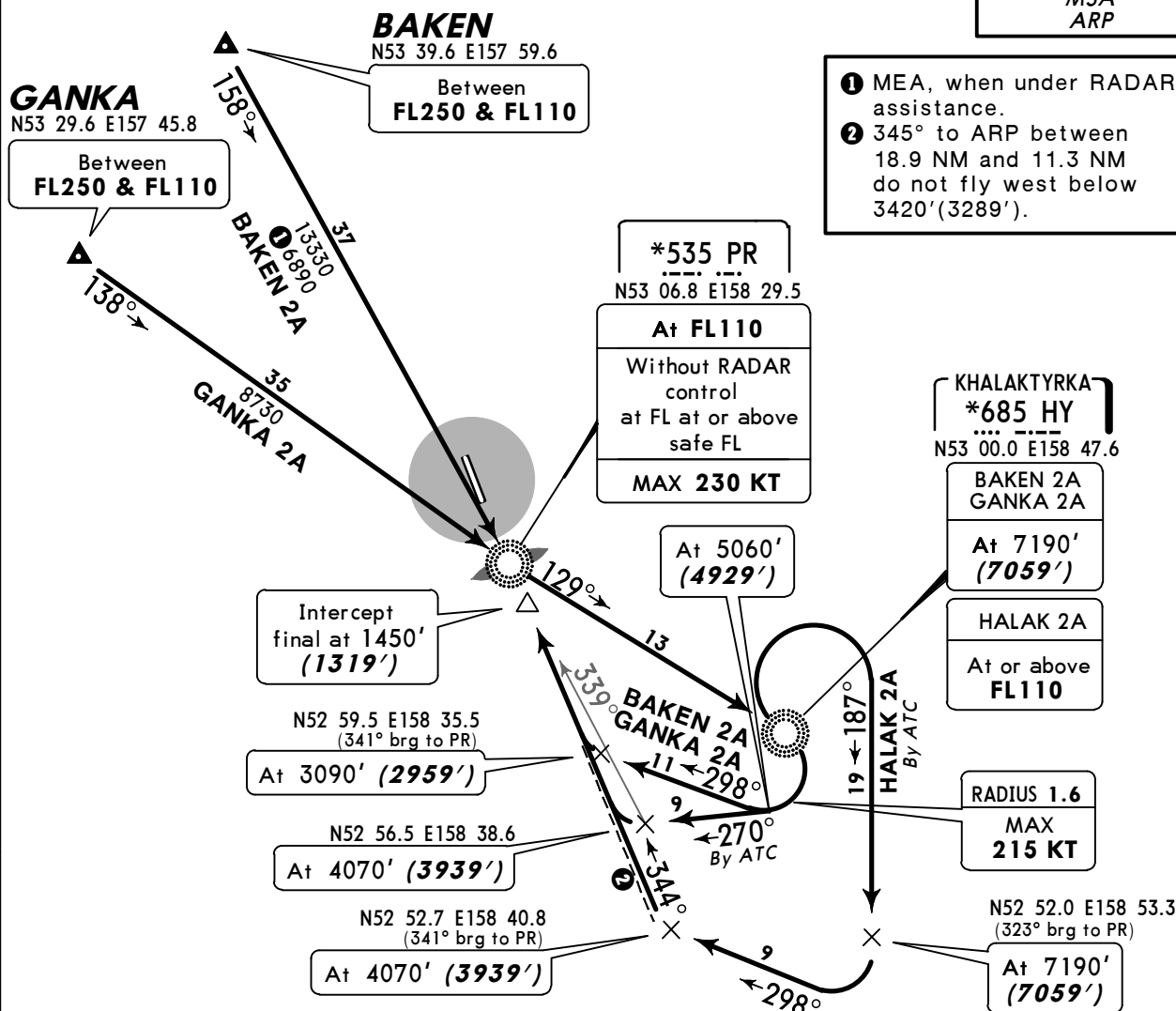
Petropavlovsk Krug Radar 119.4

*ATIS 126.8	Apt Elev 131'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL90 FL100 if pressure is less than 756 mm (1007.9 hPa) FL110 if pressure is 729 mm (971.9 hPa) or less Trans alt: 8010' (7879')
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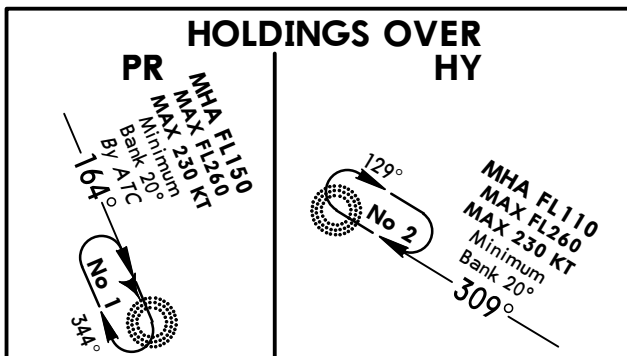
BAKEN 2 ALFA (BAKEN 2A) [BAKE2A]
GANKA 2 ALFA (GANKA 2A) [GANK2A]
HALAK 2 ALFA (HALAK 2A) [HALA2A]
RWY 34R ARRIVALS



- ① MEA, when under RADAR assistance.
- ② 345° to ARP between 18.9 NM and 11.3 NM do not fly west below 3420' (3289').



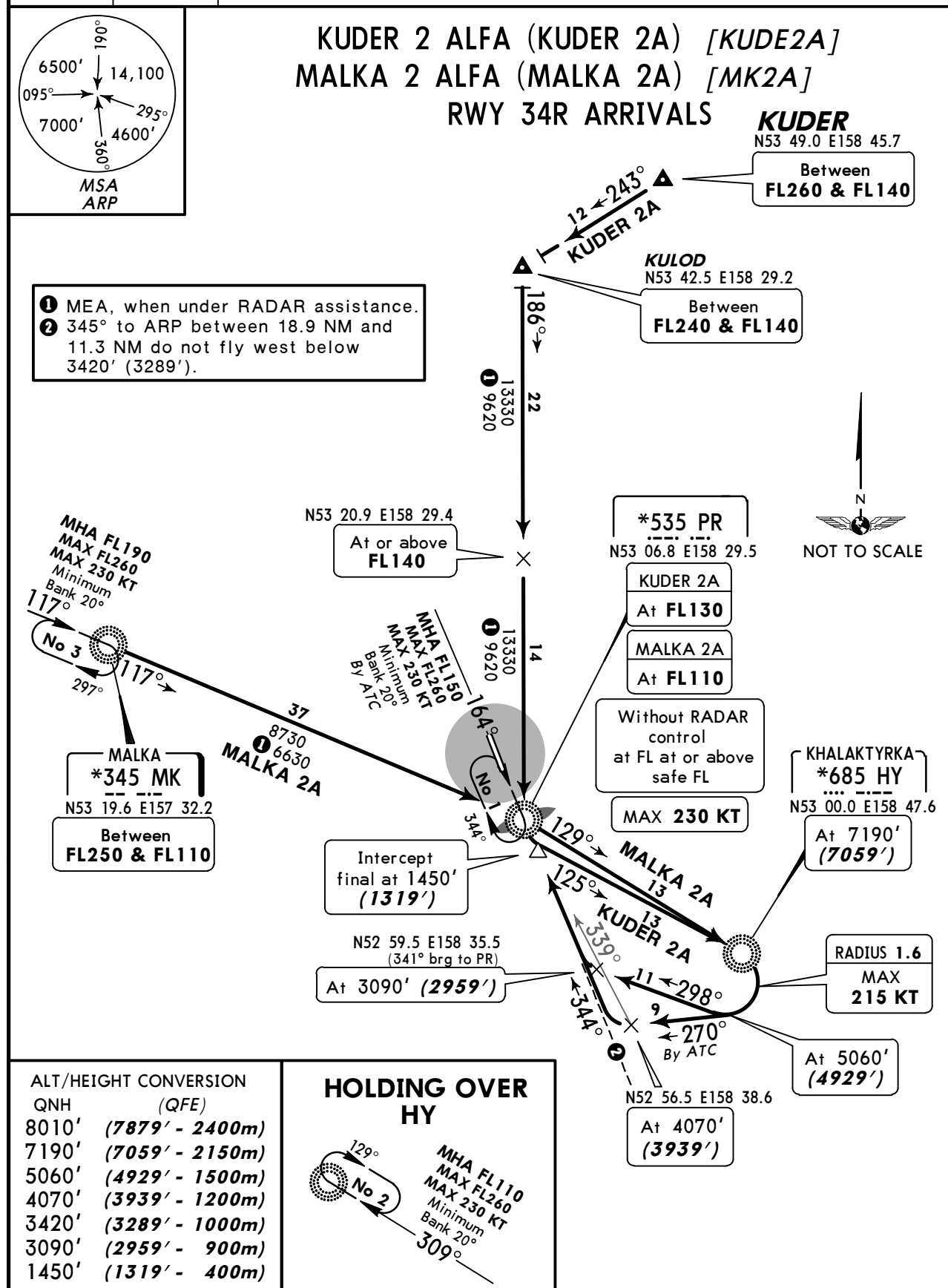
ALT/HEIGHT CONVERSION	QNH	(QFE)
8010'	(7879' - 2400m)	
7190'	(7059' - 2150m)	
5060'	(4929' - 1500m)	
4070'	(3939' - 1200m)	
3420'	(3289' - 1000m)	
3090'	(2959' - 900m)	
1450'	(1319' - 400m)	



Minimum bank 20° for all turns.

STAR	ROUTING
BAKEN 2A	158° bearing to PR, turn LEFT, 129° bearing from PR to HY, turn RIGHT, 298° track to N52 59.5 E158 35.5, turn RIGHT, 344° track to intercept final approach.
GANKA 2A	138° bearing to PR, turn LEFT, 129° bearing from PR to HY, turn RIGHT, 298° track to N52 59.5 E158 35.5, turn RIGHT, 344° track to intercept final approach.
HALAK 2A By ATC	Turn RIGHT, 187° track to N52 52.0 E158 53.3, turn RIGHT, 298° track to N52 52.7 E158 40.8, turn RIGHT, 344° track to intercept final approach.

*ATIS 126.8	Apt Elev 131'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL90 FL100 if pressure is less than 756 mm (1007.9 hPa) FL110 if pressure is 729 mm (971.9 hPa) or less Trans alt: 8010' (7879')
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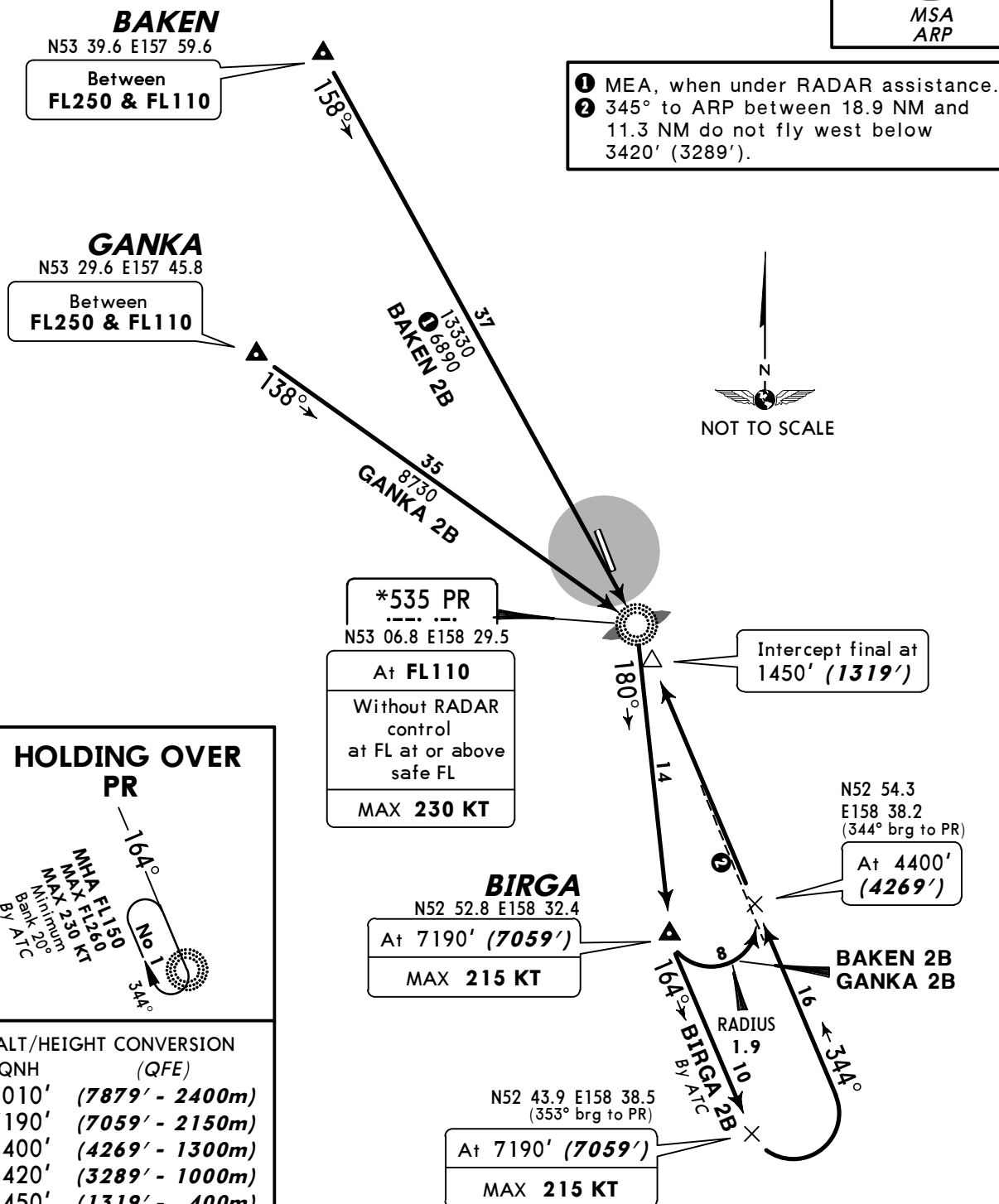
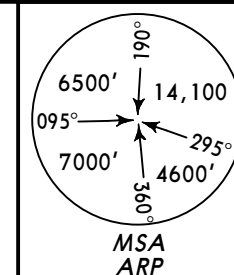


Minimum bank 20° for all turns.

STAR	ROUTING
KUDER 2A	To KULOD, intercept 186° bearing via N53 20.9 E158 29.4 to PR, turn LEFT, intercept 125° bearing to HY, turn RIGHT, 298° track to N52 59.5 E158 35.5, turn RIGHT, 344° track to intercept final approach.
MALK 2A	117° bearing from MK to PR, turn RIGHT, 129° bearing from PR to HY, turn RIGHT, 298° track to N52 59.5 E158 35.5, turn RIGHT, 344° track to intercept final approach.

*ATIS 126.8	Apt Elev 131'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL90 FL100 if pressure is less than 756 mm (1007.9 hPa) FL110 if pressure is 729 mm (971.9 hPa) or less Trans alt: 8010' (7879')
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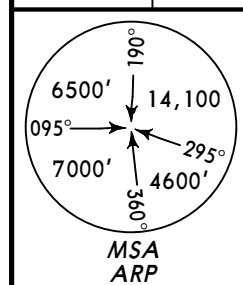
**BAKEN 2 BRAVO (BAKEN 2B) [BAKE2B]
 BIRGA 2 BRAVO (BIRGA 2B) [BIRG2B]
 GANKA 2 BRAVO (GANKA 2B) [GANK2B]
 RWY 34R ARRIVALS**



Minimum bank 20° for all turns.

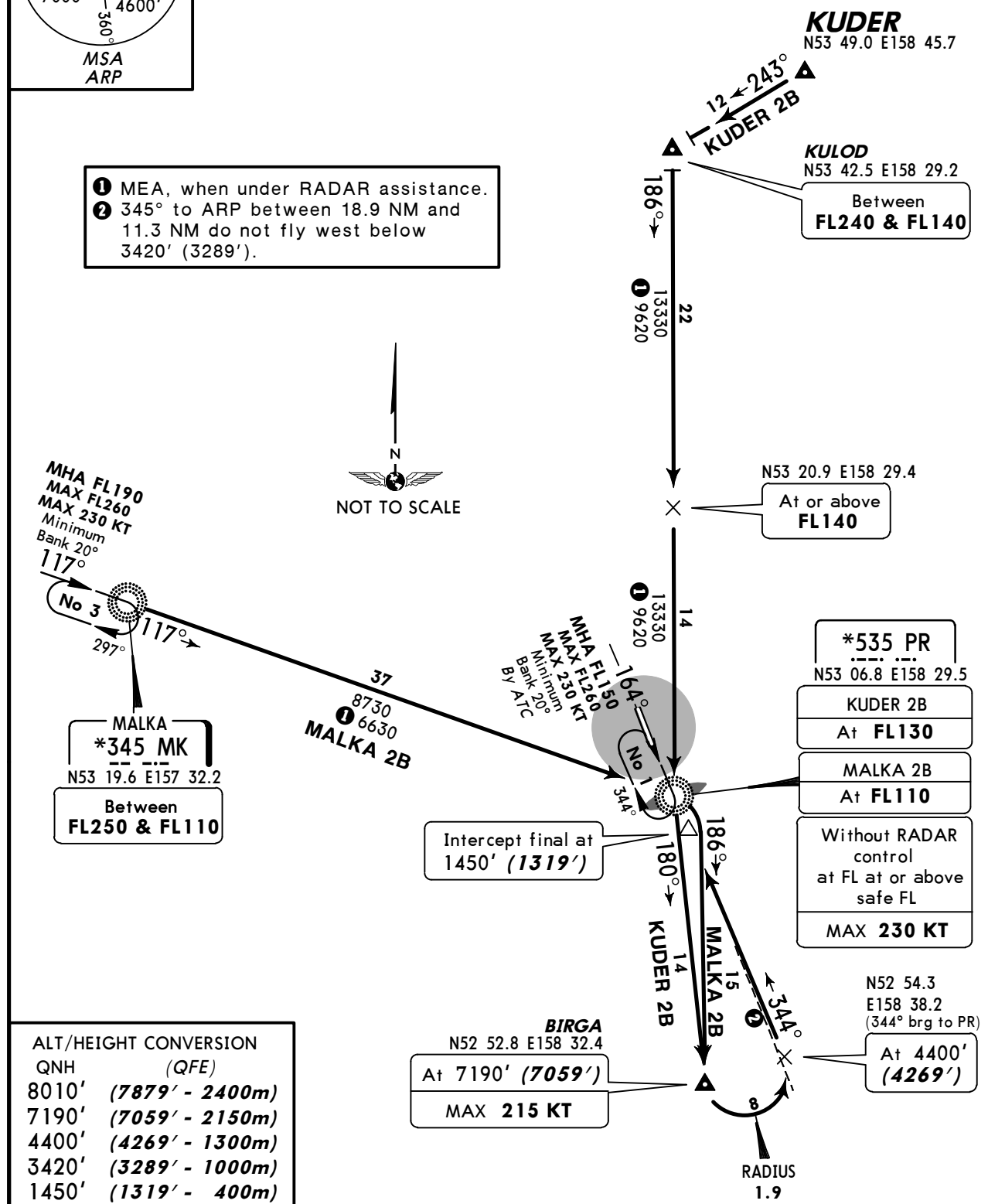
STAR	ROUTING
BAKEN 2B	158° bearing to PR, turn RIGHT, 180° bearing to BIRGA, turn LEFT to N52 54.3 E158 38.2, turn LEFT, 344° track to intercept final approach.
BIRGA 2B By ATC	On 164° track to N52 43.9 E158 38.5, turn LEFT, 344° track via N52 54.3 E158 38.2 to intercept final approach.
GANKA 2A	138° bearing to PR, turn RIGHT, 180° bearing to BIRGA, turn LEFT to N52 54.3 E158 38.2, 344° track to intercept final approach.

*ATIS 126.8	Apt Elev 131'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL90 FL100 if pressure is less than 756 mm (1007.9 hPa) FL110 if pressure is 729 mm (971.9 hPa) or less Trans alt: 8010' (7879')
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KUDER 2 BRAVO (KUDER 2B) [KUDE2B] **MALKA 2 BRAVO (MALKA 2B) [MK2B]** **RWY 34R ARRIVALS**

- 1 MEA, when under RADAR assistance.
- 2 345° to ARP between 18.9 NM and 11.3 NM do not fly west below 3420' (3289').



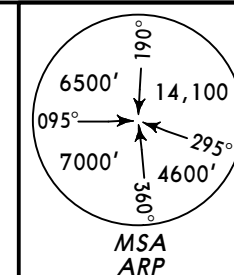
ALT/HEIGHT CONVERSION	QNH	(QFE)
8010'	(7879' - 2400m)	
7190'	(7059' - 2150m)	
4400'	(4269' - 1300m)	
3420'	(3289' - 1000m)	
1450'	(1319' - 400m)	

Minimum bank 20° for all turns.

STAR	ROUTING
KUDER 2B	To KULOD intercept 186° bearing via N53 20.9 E158 29.4 to PR, turn LEFT, 180° bearing to BIRGA, turn LEFT to N52 54.3 E158 38.2, 344° track to intercept final approach.
MALKA 2B	117° bearing to PR, turn RIGHT, 186° track to BIRGA, turn LEFT to N52 54.3 E158 38.2, 344° track to intercept final approach.

*ATIS 126.8	Apt Elev 131'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL90 FL100 if pressure is less than 756 mm (1007.9 hPa) FL110 if pressure is 729 mm (971.9 hPa) or less Trans alt: 8010' (7879')
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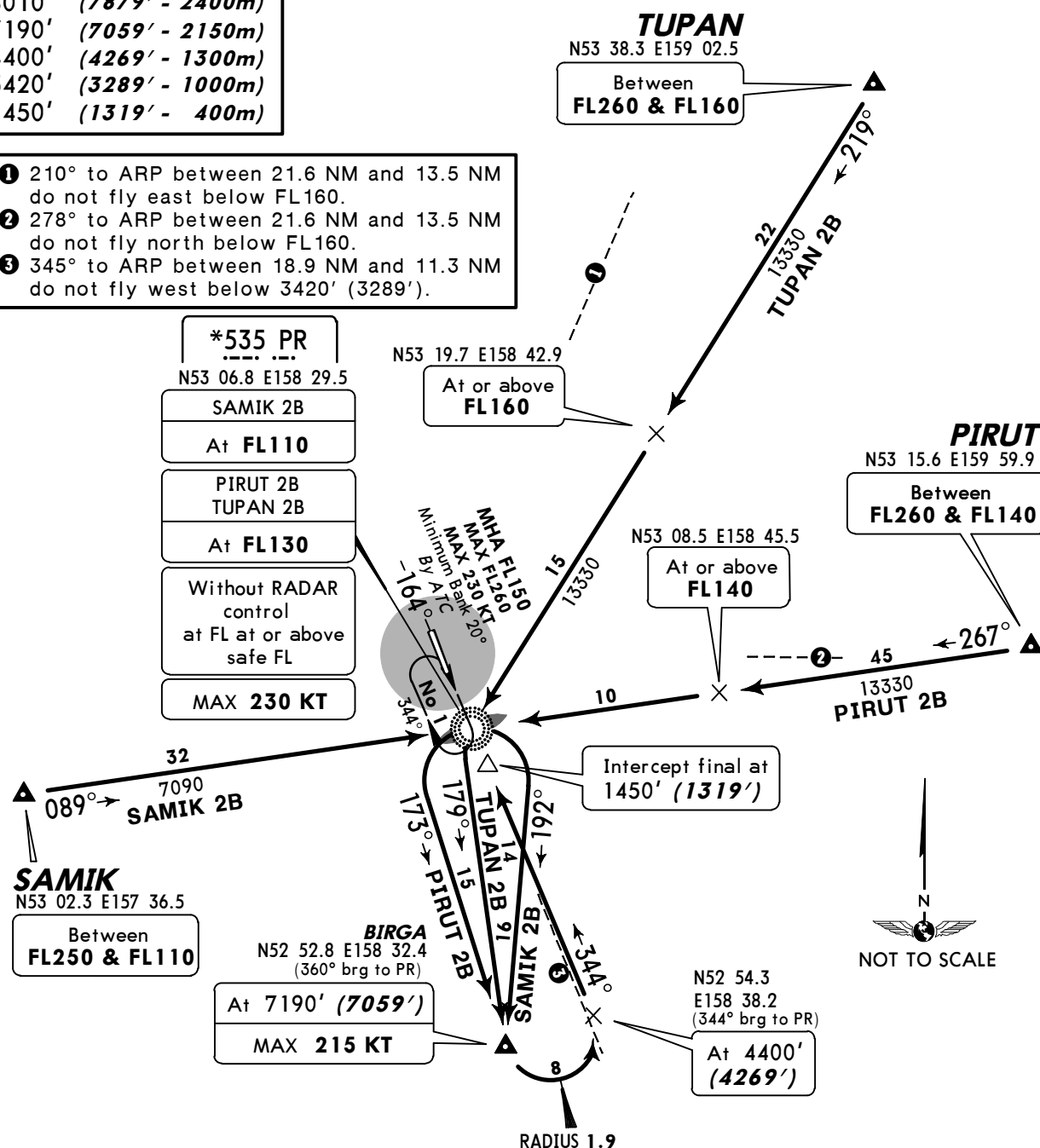
**PIRUT 2 BRAVO (PIRUT 2B) [PIRU2B]
 SAMIK 2 BRAVO (SAMIK 2B) [SAMI2B]
 TUPAN 2 BRAVO (TUPAN 2B) [TUPA2B]
 RWY 34R ARRIVALS**



**ALT/HEIGHT CONVERSION
 QNH (QFE)**

8010'	(7879' - 2400m)
7190'	(7059' - 2150m)
4400'	(4269' - 1300m)
3420'	(3289' - 1000m)
1450'	(1319' - 400m)

- 210° to ARP between 21.6 NM and 13.5 NM do not fly east below FL160.
- 278° to ARP between 21.6 NM and 13.5 NM do not fly north below FL160.
- 345° to ARP between 18.9 NM and 11.3 NM do not fly west below 3420' (3289').

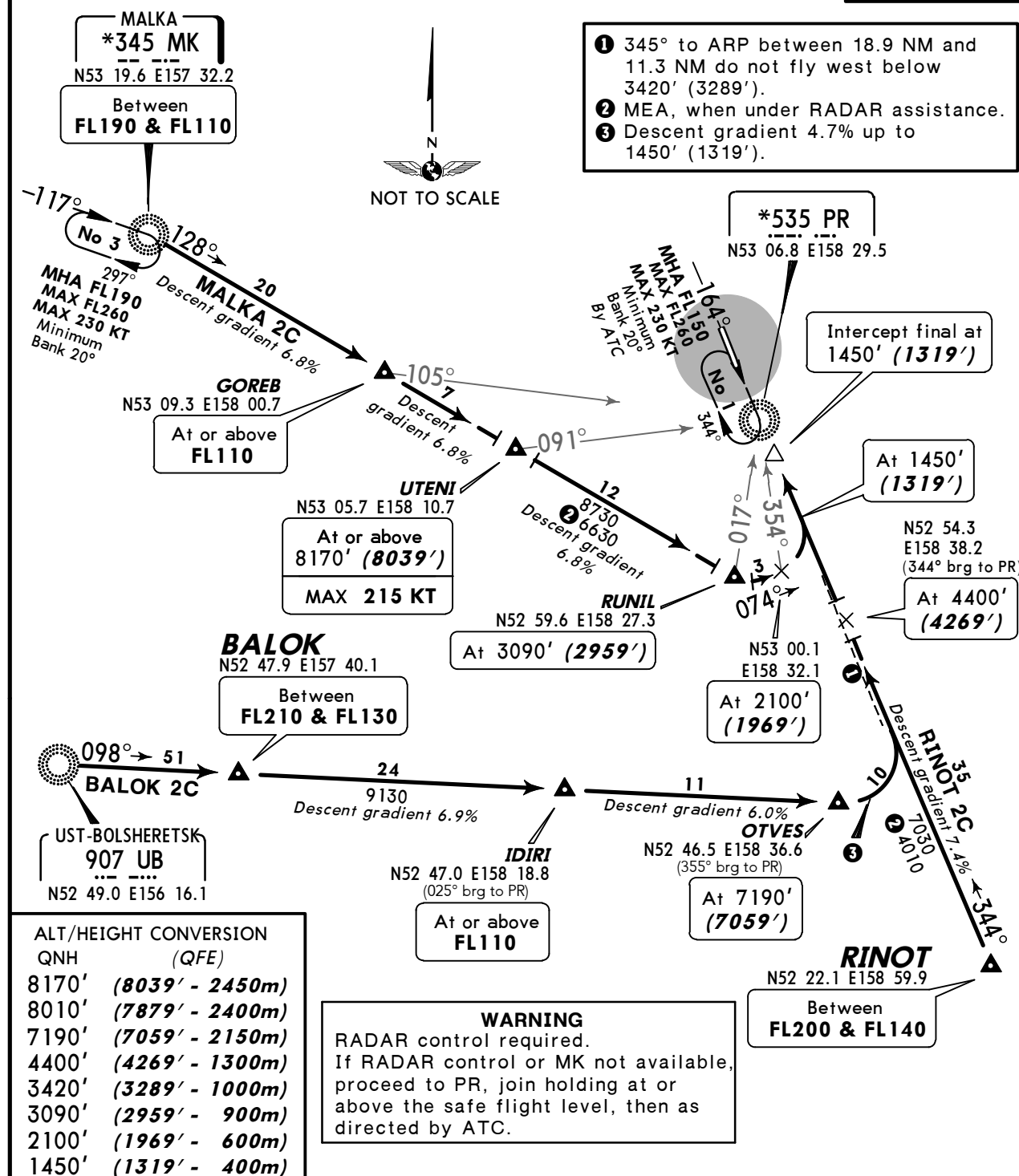
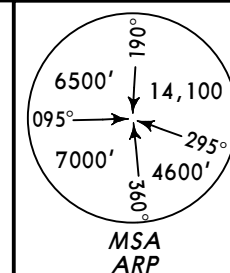


Minimum bank 20° for all turns.

STAR	ROUTING
PIRUT 2B	267° bearing via N53 08.5 E158 45.5 to PR, turn LEFT, 173° track to BIRGA, turn LEFT to N52 54.3 E158 38.2, 344° track to intercept final approach.
SAMIK 2B	089° bearing to PR, turn RIGHT, 192° track to BIRGA, turn LEFT to N52 54.3 E158 38.2, 344° track to intercept final approach.
TUPAN 2B	219° bearing via N53 19.7 E158 42.9 to PR, turn LEFT, 179° track to BIRGA, turn LEFT to N52 54.3 E158 38.2, 344° track to intercept final approach.

*ATIS 126.8	Apt Elev 131'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL90 FL100 if pressure is less than 756 mm (1007.9 hPa) FL110 if pressure is 729 mm (971.9 hPa) or less Trans alt: 8010' (7879')
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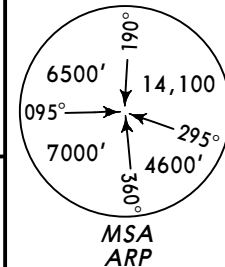
BALOK 2 CHARLIE (BALOK 2C) [BALO2C]
MALKA 2 CHARLIE (MALKA 2C) [MK2C]
RINOT 2 CHARLIE (RINOT 2C) [RINO2C]
RWY 34R ARRIVALS
BY ATC



STAR	ROUTING
BALOK 2C	098° bearing via BALOK and IDIRI to OTVES, turn LEFT, 344° track to intercept final approach.
MALKA 2C	128° bearing via GOREB and UTENI to RUNIL, turn LEFT, 074° track to N53 00.1 E158 32.1, turn LEFT, 344° track to intercept final approach.
RINOT 2C	344° track to intercept final approach.

Apt Elev
131'

QNH on request (QFE)
 Trans level: FL90
 FL100 if pressure is less than 756 mm (1007.9 hPa)
 FL110 if pressure is 729 mm (971.9 hPa) or less
 Trans alt: 8010' (7896')



BAKEN 1D [BAKE1D]
GANKA 1D [GANK1D]
KUDER 1D [KUDE1D]
RWY 16L DEPARTURES



GANKA
 N53 29.6 E157 45.8
 At or above
FL100

BAKEN
 N53 39.6 E157 59.6
 At or above
FL100

KULOD
 N53 42.5 E158 29.2
 At or above
FL110

KUDER
 N53 49.0 E158 45.7
 At or above
FL130

GINIR
 N53 23.9 E158 17.7
 At or above
FL100

BS
 *180
 N53 11.1 E158 24.0
 At or above
FL80

ARGOP
 N53 00.4 E158 34.0
 At or above
3070' (2956')

ALT/HEIGHT CONVERSION	
QNH	(QFE)
3070'	(2956' - 900m)
8010'	(7896' - 2400m)

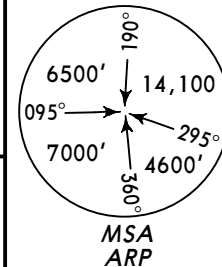
These SIDs require minimum climb gradients of
 5% up to ARGOP, then
 4.6% up to BS.

Gnd speed-KT	75	100	150	200	250	300
5% V/V (fpm)	380	506	760	1013	1266	1519
4.6% V/V (fpm)	349	466	699	932	1165	1398

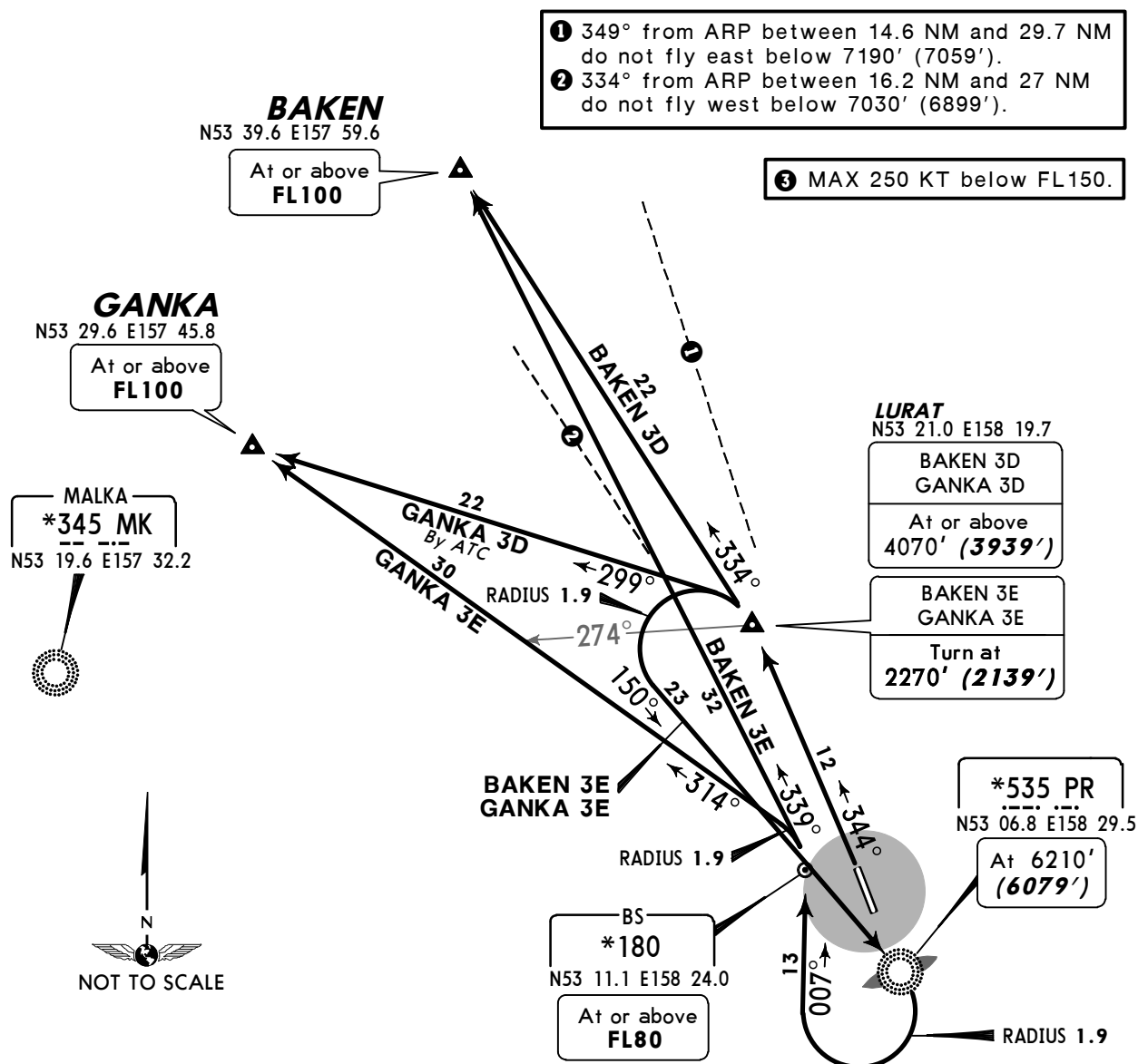
SID	ROUTING
BAKEN 1D	Climb straight ahead to ARGOP, turn RIGHT, 355° track to BS, turn LEFT, 340° track to BAKEN.
GANKA 1D	Climb straight ahead to ARGOP, turn RIGHT, 355° track to BS, turn LEFT, 314° track to GANKA.
KUDER 1D	Climb straight ahead to ARGOP, turn RIGHT, 355° track to BS, turn LEFT, 350° track to GINIR, turn RIGHT, 028° track to KULOD, then to KUDER.

Apt Elev
131'

QNH on request (QFE)
 Trans level: FL90
 FL100 if pressure is less than 756 mm (1007.9 hPa)
 FL110 if pressure is 729 mm (971.9 hPa) or less
 Trans alt: 8010' (7879')



BAKEN 3D [BAKE3D], BAKEN 3E [BAKE3E] ③
GANKA 3D [GANK3D], GANKA 3E [GANK3E] ③
RWY 34R DEPARTURES

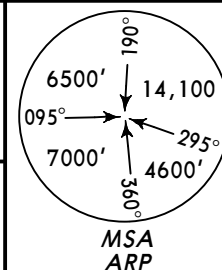


ALT/HEIGHT CONVERSION	
QNH	(QFE)
2270'	(2139' - 650m)
4070'	(3939' - 1200m)
6210'	(6079' - 1850m)
7030'	(6899' - 2100m)
7190'	(7059' - 2150m)
8010'	(7879' - 2400m)

SID	ROUTING
BAKEN 3D	Climb straight ahead to LURAT, turn LEFT, 334° track to BAKEN.
BAKEN 3E ③	Climb straight ahead to LURAT, turn LEFT, intercept 150° bearing to PR, turn RIGHT, 007° track to BS, turn LEFT, 339° track to BAKEN.
GANKA 3D By ATC	Climb straight ahead to LURAT, turn LEFT, 299° track to GANKA.
GANKA 3E ③	Climb straight ahead to LURAT, turn LEFT, intercept 150° bearing to PR, turn RIGHT, 007° track to BS, turn LEFT, 314° track to GANKA.

Apt Elev
131'

QNH on request (**QFE**)
 Trans level: FL90
 FL100 if pressure is less than 756 mm (1007.9 hPa)
 FL110 if pressure is 729 mm (971.9 hPa) or less
 Trans alt: 8010' (**7879'**)

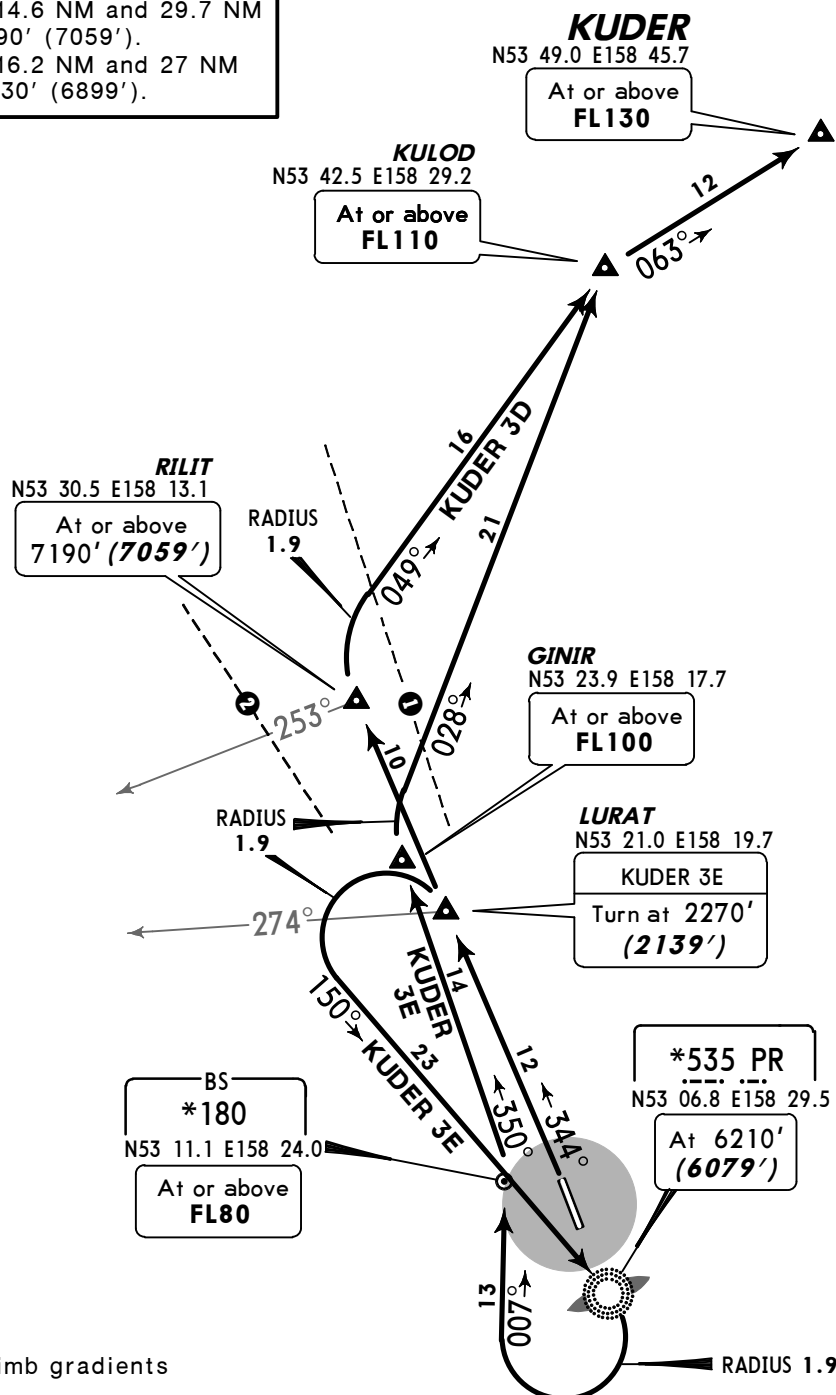


KUDER 3D [KUDE3D], KUDER 3E [KUDE3E] ③ RWY 34R DEPARTURES

- ① 349° from ARP between 14.6 NM and 29.7 NM do not fly east below 7190' (7059').
- ② 334° from ARP between 16.2 NM and 27 NM do not fly west below 7030' (6899').

ALT/HEIGHT CONVERSION	
QNH	(QFE)
2270'	(2139' - 650m)
4070'	(3939' - 1200m)
6210'	(6079' - 1850m)
7030'	(6899' - 2100m)
7190'	(7059' - 2150m)
8010'	(7879' - 2400m)

MALKA
***345 MK**
 N53 19.6 E157 32.2



KUDER 3D

This SID requires minimum climb gradients of
 6% up to 4070' (3939') at LURAT, then
 5% up to RILIT.

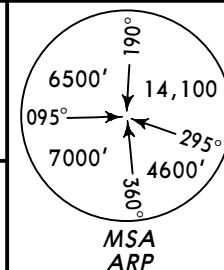
Gnd speed-KT	75	100	150	200	250	300
6% V/V (fpm)	456	608	911	1215	1519	1823
5% V/V (fpm)	380	506	760	1013	1266	1519

③ MAX 250 KT below FL150.

SID	ROUTING
KUDER 3D	Climb straight ahead to RILIT, turn RIGHT, 049° track to KULOD, then to KUDER.
KUDER 3E ③	Climb straight ahead to LURAT, turn LEFT, intercept 150° bearing to PR, turn RIGHT, 007° track to BS, turn LEFT, 350' track to GINIR, turn RIGHT, 028° track to KULOD, then to KUDER.

Apt Elev
131'

QNH on request (QFE)
 Trans level: FL90
 FL100 if pressure is less than 756 mm (1007.9 hPa)
 FL110 if pressure is 729 mm (971.9 hPa) or less
 Trans alt: 8010' (**7896'**)



**MALKA 1D [MK1D]
 RINOT 1D [RINO1D]
 RWY 16L DEPARTURES**

MALKA
***345 MK**
 N53 19.6 E157 32.2
 At or above
FL100



33
MALKA 1D ← 289°

BS
***180**
 N53 11.1 E158 24.0
 At or above
FL80

***535 PR**
 N53 06.8 E158 29.5
RINOT 1D
 At 780' (**666'**)

ALT/HEIGHT CONVERSION	
QNH	(QFE)
780'	(666' - 200m)
3070'	(2956' - 900m)
3400'	(3286' - 1000m)
8010'	(7896' - 2400m)

ARGOP
 N53 00.4 E158 34.0
MALKA 1D
 Turn
 at or above
 3070' (**2956'**)

RINOT 1D
 By ATC

RADIUS 1.9

164°
 18
 355°

① 165° from ARP between
 11.3 NM and 18.9 NM
 do not fly west below
 3400' (3286').

MALKA 1D
 This SID requires minimum climb gradients
 of
 5% up to ARGOP, then
 4.6% up to BS.

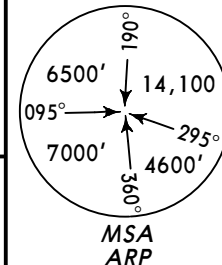
Gnd speed-KT	75	100	150	200	250	300
5% V/V (fpm)	380	506	760	1013	1266	1519
4.6% V/V (fpm)	349	466	699	932	1165	1398

RINOT
 N52 22.1 E158 59.9
 At or above
FL130

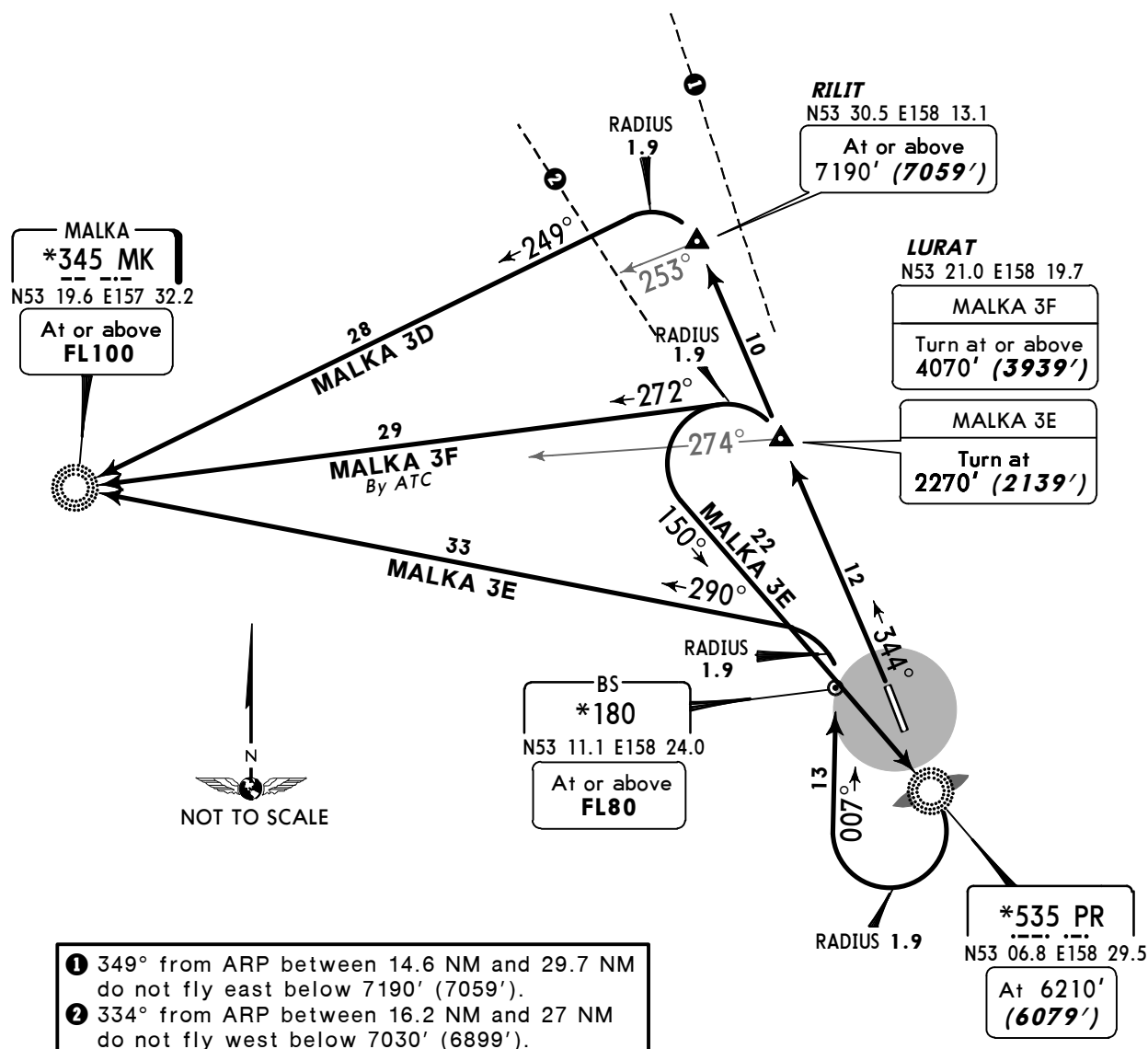
SID	ROUTING
MALKA 1D	Climb straight ahead to ARGOP, turn RIGHT, 355° track to BS, turn LEFT, intercept 289° bearing to MK.
RINOT 1D By ATC	Climb straight ahead to 780' (666'), intercept 164° bearing from PR to RINOT.

Apt Elev
131'

QNH on request (QFE)
 Trans level: FL90
 FL100 if pressure is less than 756 mm (1007.9 hPa)
 FL110 if pressure is 729 mm (971.9 hPa) or less
 Trans alt: 8010' (7879')



MALKA 3D [MK3D], MALKA 3E [MK3E] ③
MALKA 3F [MK3F]
RWY 34R DEPARTURES



- ① 349° from ARP between 14.6 NM and 29.7 NM do not fly east below 7190' (7059').
- ② 334° from ARP between 16.2 NM and 27 NM do not fly west below 7030' (6899').

③ MAX 250 KT below FL150.

These SIDs require minimum climb gradients of
MALKA 3D: 6% up to 4070' (3939') at LURAT, then 5% up to RILIT.
MALKA 3F: 6% up to 4070' (3939').

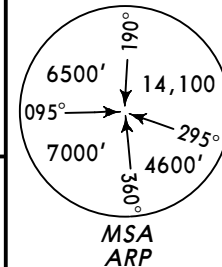
Gnd speed-KT	75	100	150	200	250	300
6% V/V (fpm)	456	608	911	1215	1519	1823
5% V/V (fpm)	380	506	760	1013	1266	1519

ALT/HEIGHT CONVERSION	QNH	(QFE)
2270'	(2139' - 650m)	
4070'	(3939' - 1200m)	
6210'	(6079' - 1850m)	
7030'	(6899' - 2100m)	
7190'	(7059' - 2150m)	
8010'	(7879' - 2400m)	

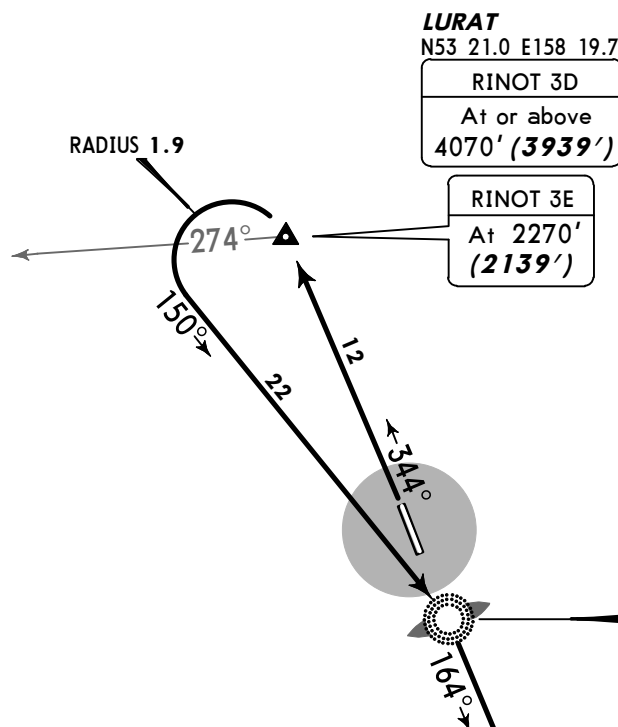
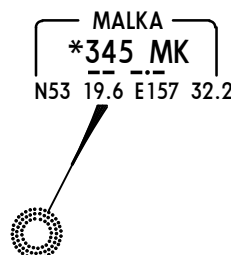
SID	ROUTING
MALKA 3D	Climb straight ahead to RILIT, turn LEFT, intercept 249° bearing to MK.
MALKA 3E ③	Climb straight ahead to LURAT, turn LEFT, intercept 150° bearing to PR, turn RIGHT, 007° track to BS, turn LEFT, intercept 290° bearing to MK.
MALKA 3F By ATC	Climb straight ahead to LURAT, turn LEFT, intercept 272° bearing to MK.

Apt Elev
131'

QNH on request (**QFE**)
 Trans level: FL90
 FL100 if pressure is less than 756 mm (1007.9 hPa)
 FL110 if pressure is 729 mm (971.9 hPa) or less
 Trans alt: 8010' (**7879'**)

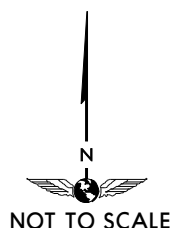


RINOT 3D [RINO3D], RINOT 3E [RINO3E] ②
RWY 34R DEPARTURES
 BY ATC



ALT/HEIGHT CONVERSION

QNH	(QFE)
2270'	(2139' - 650m)
3420'	(3289' - 1000m)
4070'	(3939' - 1200m)
6210'	(6079' - 1850m)
8010'	(7879' - 2400m)



① 165° from ARP between
 11.3 NM and 18.9 NM
 do not fly west below
 3420' (3289').

② MAX 250 KT below FL150.

RINOT 3D

This SID requires a minimum climb gradient
 of
 6% up to LURAT.

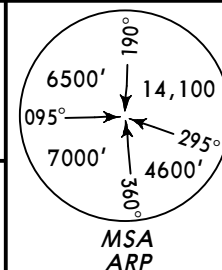
Gnd speed-KT	75	100	150	200	250	300
6% V/V (fpm)	456	608	911	1215	1519	1823

ROUTING

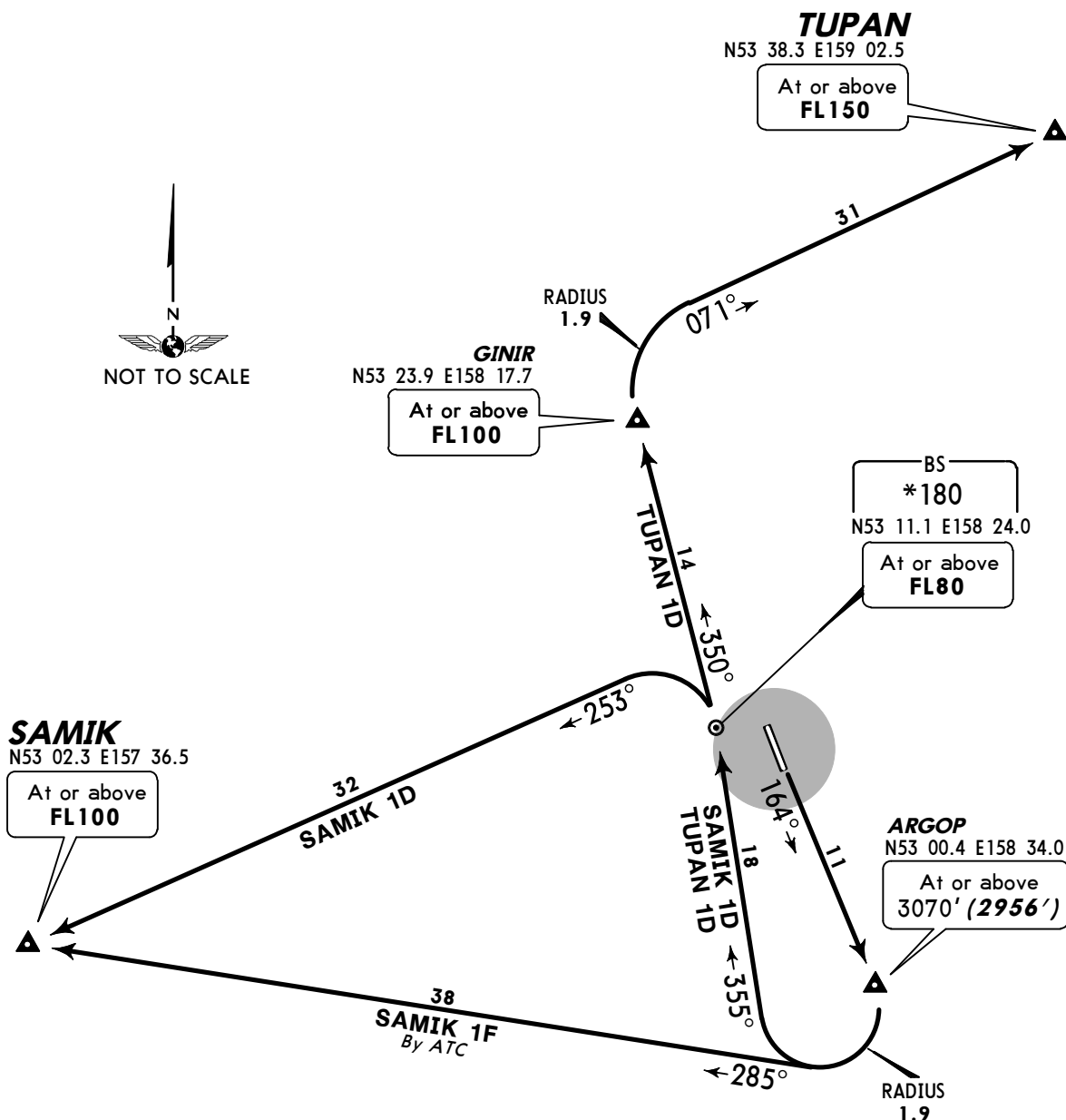
Climb straight ahead to LURAT, turn LEFT, intercept 150° bearing to PR, turn RIGHT, 164° bearing to RINOT.

Apt Elev
131'

QNH on request (QFE)
 Trans level: FL90
 FL100 if pressure is less than 756 mm (1007.9 hPa)
 FL110 if pressure is 729 mm (971.9 hPa) or less
 Trans alt: 8010' (**7896'**)



SAMIK 1D [SAMI1D], SAMIK 1F [SAMI1F]
TUPAN 1D [TUPA1D]
RWY 16L DEPARTURES



These SIDs require minimum climb gradients
 of
SAMIK 1D, TUPAN 1D: 5% up to ARGOP, then
 4.6% up to BS.
SAMIK 1F: 5% up to ARGOP.

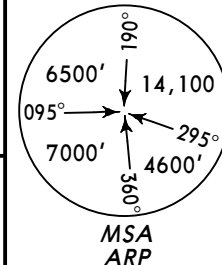
Gnd speed-KT	75	100	150	200	250	300
5% V/V (fpm)	380	506	760	1013	1266	1519
4.6% V/V (fpm)	349	466	699	932	1165	1398

ALT/HEIGHT CONVERSION	
QNH	(QFE)
3070'	(2956' - 900m)
8010'	(7896' - 2400m)

SID	ROUTING
SAMIK 1D	Climb straight ahead to ARGOP, turn RIGHT, 355° track to BS, turn LEFT, 253° track to SAMIK.
SAMIK 1F By ATC	Climb straight ahead to ARGOP, turn RIGHT, 285° track to SAMIK.
TUPAN 1D	Climb straight ahead to ARGOP, turn RIGHT, 355° track to BS, turn LEFT, 350° track to GINIR, turn RIGHT, 071° track to TUPAN.

Apt Elev
131'

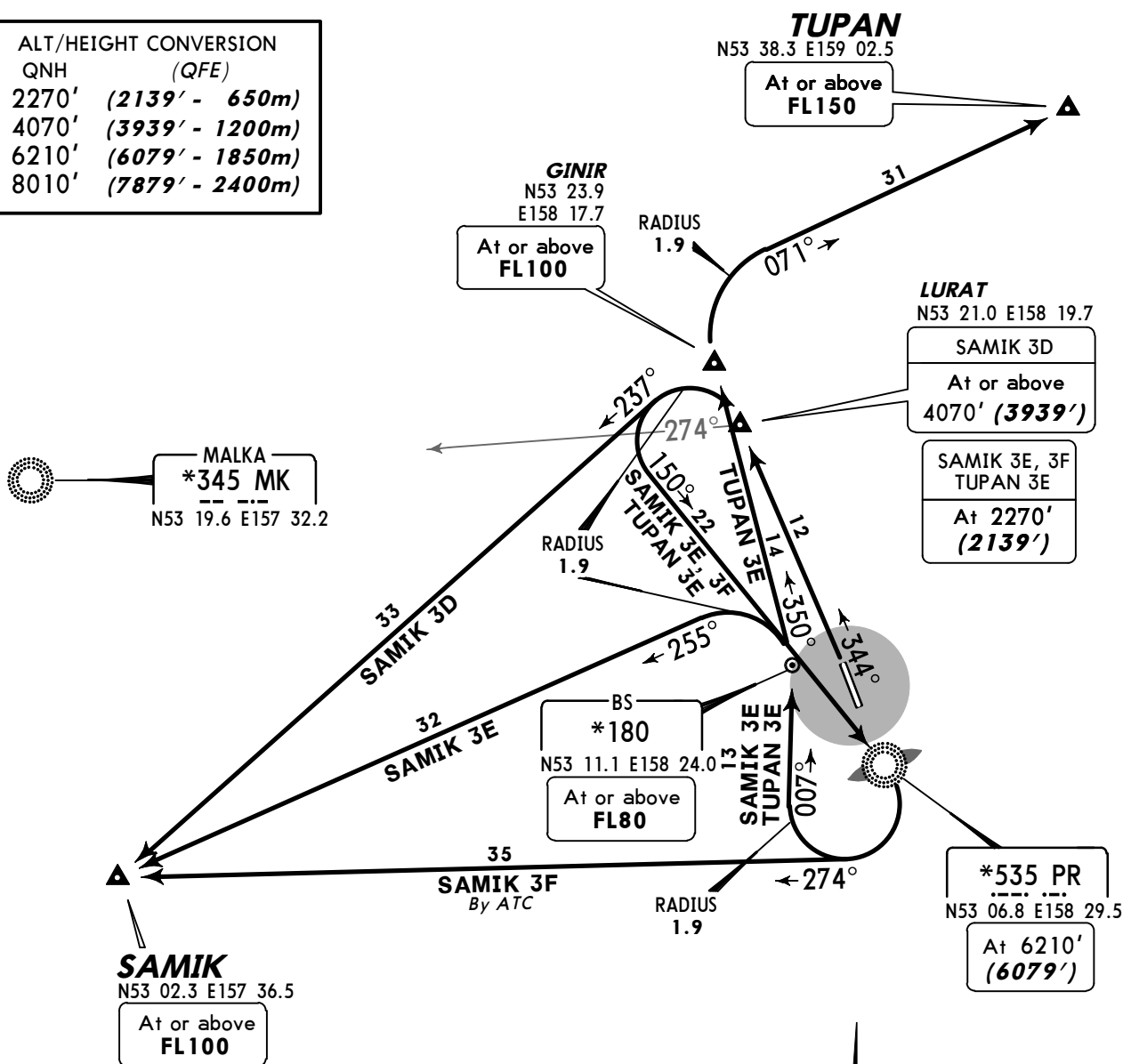
QNH on request (QFE)
 Trans level: FL90
 FL100 if pressure is less than 756 mm (1007.9 hPa)
 FL110 if pressure is 729 mm (971.9 hPa) or less
 Trans alt: 8010' (7879')



SAMIK 3D [SAMI3D], SAMIK 3E [SAMI3E] ①
SAMIK 3F [SAMI3F] ①, TUPAN 3E [TUPA3E] ①
RWY 34R DEPARTURES

ALT/HEIGHT CONVERSION

QNH	(QFE)
2270'	(2139' - 650m)
4070'	(3939' - 1200m)
6210'	(6079' - 1850m)
8010'	(7879' - 2400m)

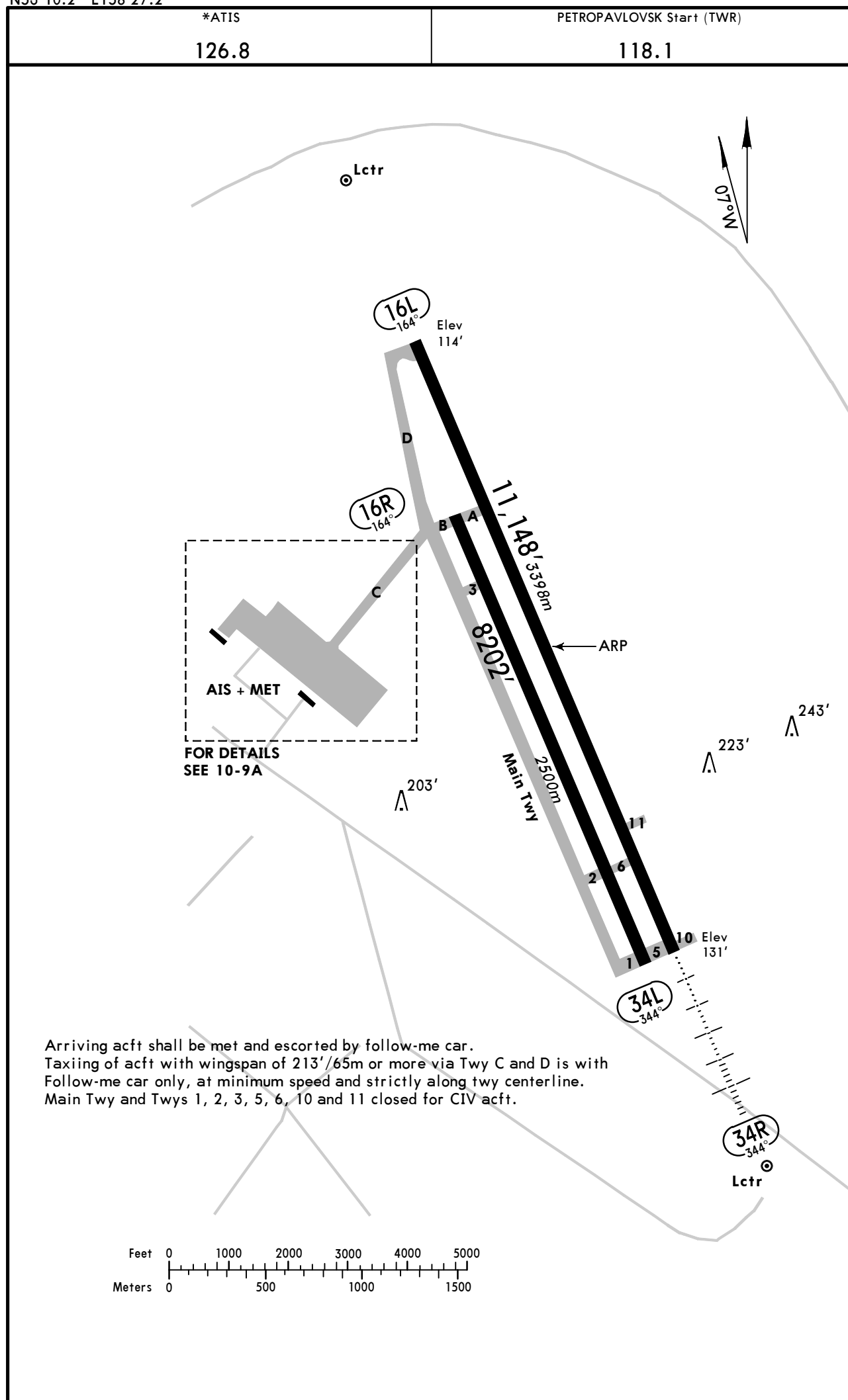


SAMIK 3D
 This SID requires a minimum climb gradient of 6% up to LURAT.

Gnd speed-KT	75	100	150	200	250	300
6% V/V (fpm)	456	608	911	1215	1519	1823

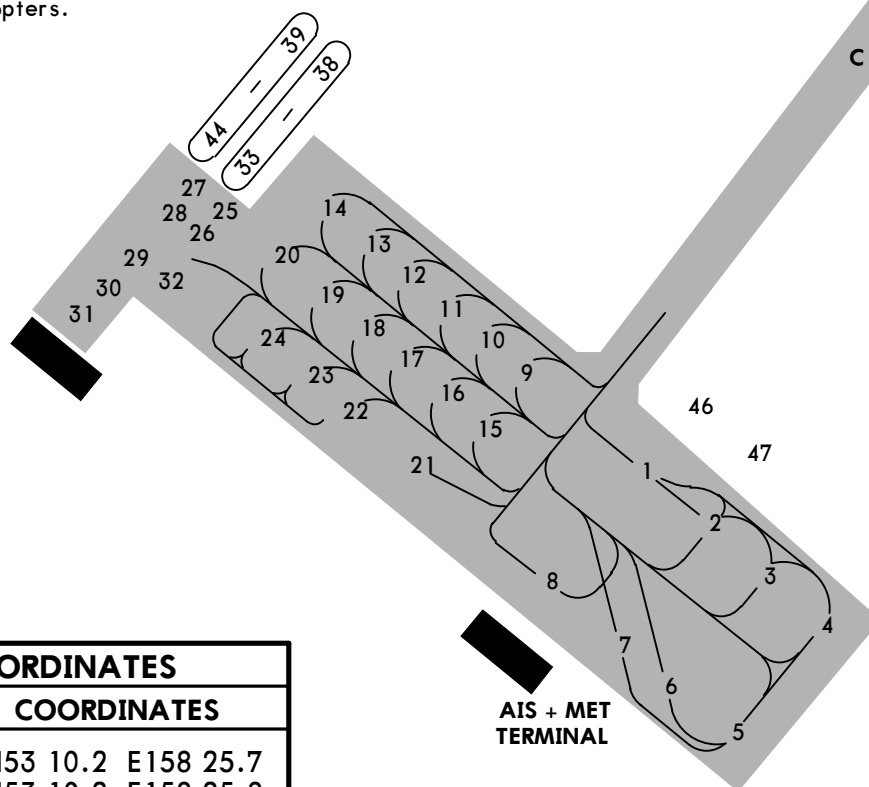
① MAX 250 KT below FL150.

SID	ROUTING
SAMIK 3D	Climb straight ahead to LURAT, turn LEFT, 237° track to SAMIK.
SAMIK 3E ①	Climb straight ahead to LURAT, turn LEFT, intercept 150° bearing to PR, turn RIGHT, 007° track to BS, turn LEFT, 255° track to SAMIK.
SAMIK 3F ① By ATC	Climb straight ahead to LURAT, turn LEFT, intercept 150° bearing to PR, turn RIGHT, 274° track to SAMIK.
TUPAN 3E ①	Climb straight ahead to LURAT, turn LEFT, intercept 150° bearing to PR, turn RIGHT, 007° track to BS, turn LEFT, 350° track to GINIR, turn RIGHT, 071° track to TUPAN.



NOT TO SCALE

Stands 1, 6 thru 8, 15 thru 17,
22 thru 24 and 27 thru 32
available for helicopters.



INS COORDINATES

STAND No.	COORDINATES
1	N53 10.2 E158 25.7
2	N53 10.2 E158 25.8
3,4	N53 10.1 E158 25.8
5, 6	N53 10.1 E158 25.7
7	N53 10.1 E158 25.6
8	N53 10.2 E158 25.6

GENERAL

Birds.

ADDITIONAL RUNWAY INFORMATION

ADDITIONAL RUNWAY INFORMATION					USABLE LENGTHS		WIDTH	
RWY					LANDING BEYOND			TAKE-OFF
					Threshold	Glide Slope		
16L	HIRL (60m) RVR						184' 56m	
34R	HIRL (60m) HIALS PAPI-L (angle 2.67°) RVR				10,115' 3083m	①		

① TAKE-OFF RUN AVAILABLE

RWY 16L:

From rwy head 11,148' (3398m)
twy A int 8163' (2488m)

RWY 34R:

From rwy head 11,148' (3398m)
twy 6 int 9836' (2998m)

16R					197' 60m
② 34L					

② Rwy is used for taxiing only and closed for CIV acft.

TAKE-OFF

AIR CARRIER (JAA)

Rwy 16L/34R

LVP must be in force
RCLM (DAY only)
or RL

RCLM (DAY only)
or RL

A		
B	250m	400m
C		
D	300m	

STRAIGHT-IN RWY		A	B	C	D
34R	ILS	331' (200')	331' (200')	331' (200')	331' (200')
	<i>FULL</i>	R550m	R550m	R550m	R550m
	<i>Limited</i>	R750m	R750m	R750m	R750m
	<i>ALS out</i>	R1200m	R1200m	R1200m	R1200m
LOC		NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
NDB ❶		490' (359')	490' (359')	490' (359')	490' (359')
		R1000m	R1000m	R1200m	R1200m
	<i>ALS out</i>	R1600m	R1600m	R1600m	R1600m

❶ Continuous Descent Final Approach.

CIRCLE-TO-LAND ❷	A	B	C	D
to rwy 16L	810' (698')	810' (698')	1400' (1288')	1400' (1288')
	ceil 470m-V3000m	ceil 470m-V3000m	ceil 520m-V5000m	ceil 520m-V5000m

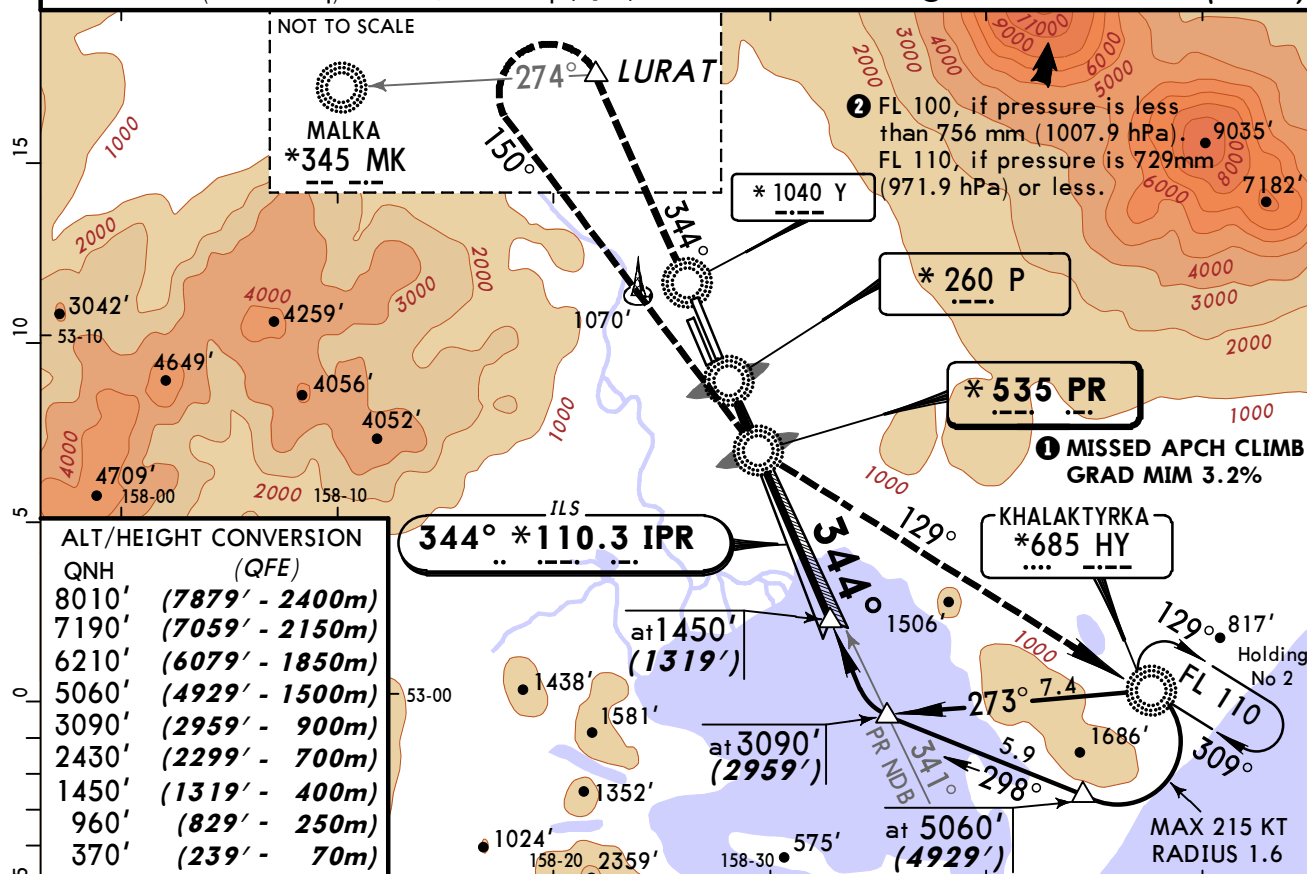
❷ Circling height based on rwy 16L thresh elev of 112'.

TAKE-OFF RWY 16L, 34R			
LVP must be in force			
RCLM (DAY only) or RL		RCLM (DAY only) or RL	NIL (DAY only)
A	250m	400m	500m
B			
C			
D	300m		

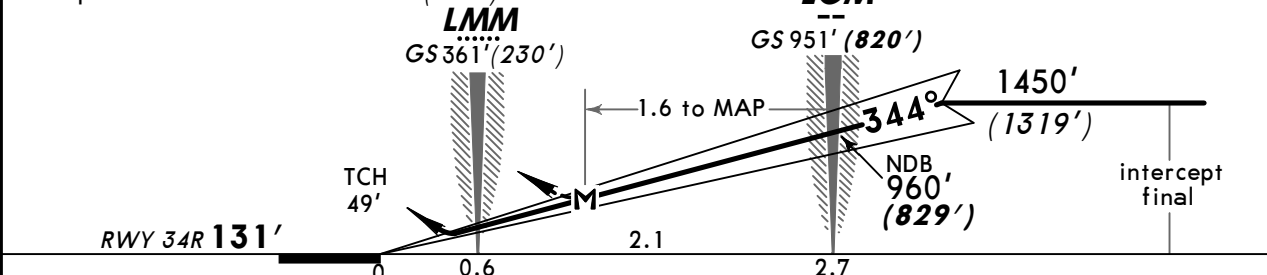
BRIEFING STRIP™	*ATIS 126.8		PETROPAVLOVSK Krug (RDR) 119.4		PETROPAVLOVSK Start (TWR) 118.1		 MSA ARP
	LOC IPR *110.3	Final Apch Crs 344°	GS LOM 951' (820')	ILS DA(H) 331' (200')	Apt Elev 131'		
	NDB PR *535		Minimum Alt LOM 960' (829')	NDB MDA(H) 490' (359')	RWY 131'		

MISSED APCH: Climb on 344° to 2430' (2299') or above to LURAT, then turn LEFT onto 150° climbing to 6210' (6079') to PR NDB, then turn LEFT onto 129° climbing to 7190' (7059') to HY NDB, then according to chart or to holding No 2. Climb grad MIM 3.2% until reaching PR NDB.

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 90 ② Trans alt: 8010' (7879')



NDB apch: Pass LMM not below 370' (239').

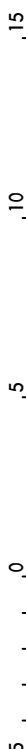


Gnd speed-Kts	70	90	100	120	140	160		2430' (2299') or above 344°
ILS GS or	331	425	472	567	661	756		
NDB Descent Angle 2.67°	1:22	1:04	0:58	0:48	0:41	0:36		

STRAIGHT-IN LANDING RWY 34R							
Missed apch climb gradient mim 3.2%							
ILS		LOC (GS out)		NDB			
DA(H)	331'(200')			MDA(H)	490'(359')		
FULL		ALS out				ALS out	
A	RVR 720m VIS 800m	1200m	NOT AUTH	1200m	RVR 1800m VIS 2000m		
B							
C							
D				RVR 1500m VIS 1600m			

BRIEFING STRIP™

Alt Set: MM (hPa on req) QNH on req (**QFE**) Trans level: FL 90 **②** Trans alt: 8010' (**7879'**)
 Procedure also carried out in case of radio com failure immediately after take-off.



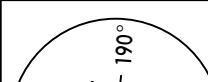
ABEAM
at 5060'
(4929')

LOM



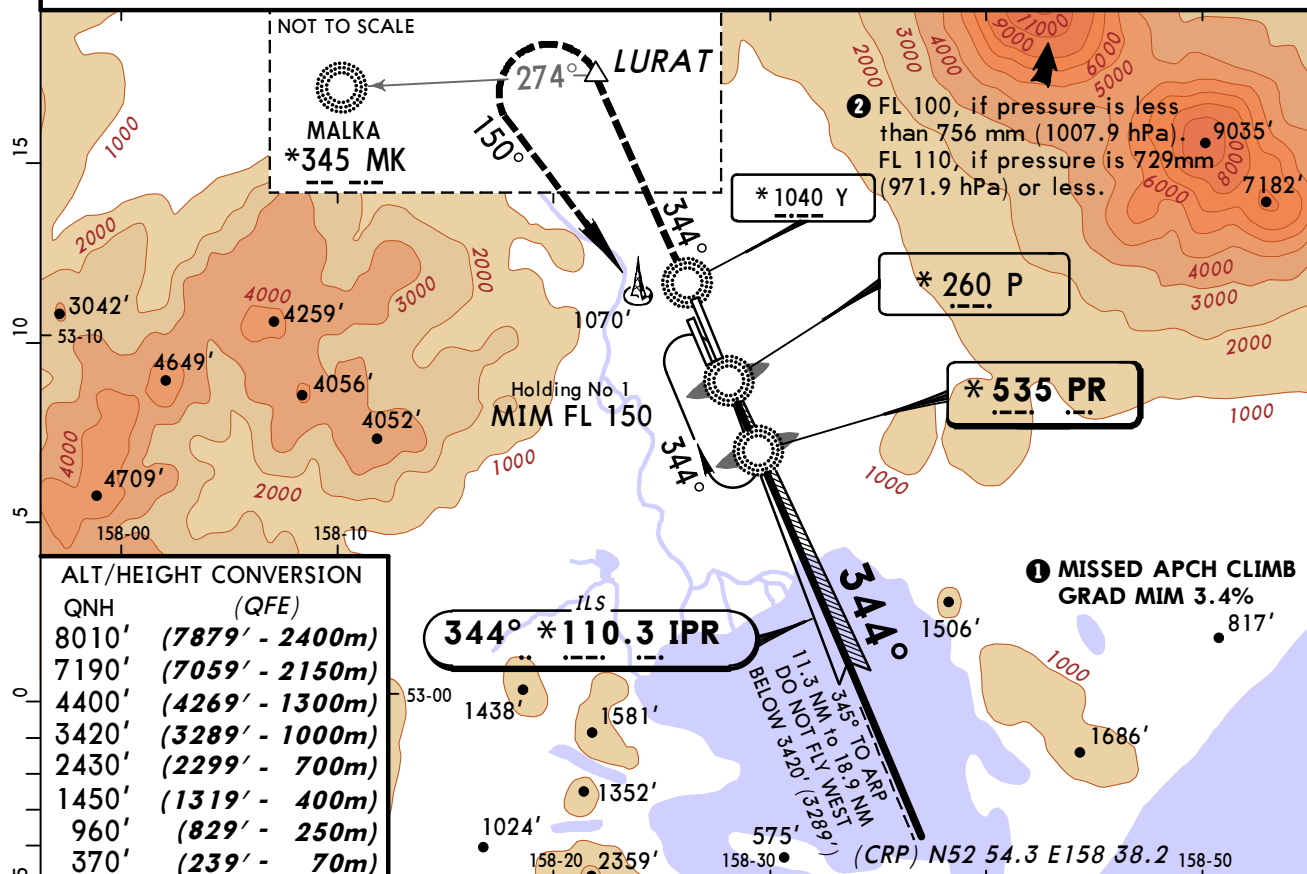
HIALS
API

PANS OPS

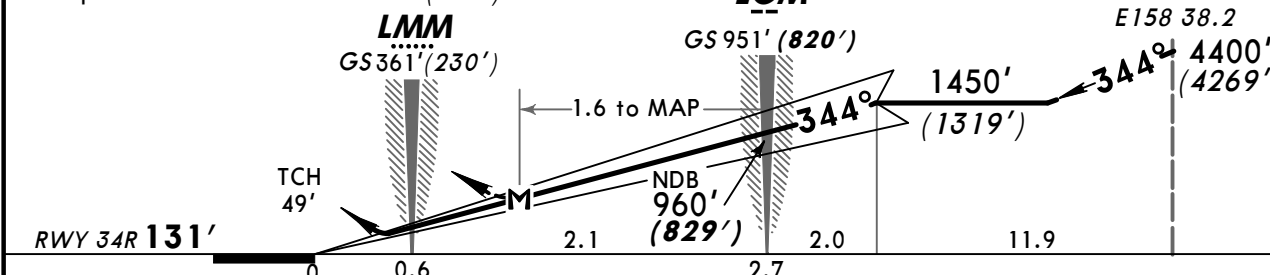
BRIEFING STRIP TM	*ATIS		PETROPAVLOVSK Krug (RDR)		PETROPAVLOVSK Start (TWR)		
	126.8		119.4		118.1		
	LOC IPR *110.3	Final Apch Crs 344°	GS LOM 951' (820')	ILS DA(H) 331' (200')	Apt Elev 131'		
	NDB PR *535		Minimum Alt LOM 960' (829')	NDB MDA(H) 490' (359')	RWY 131'		

MISSED APCH: Climb on 344° to 2430' (2299') or above to LURAT, then turn LEFT onto 150° climbing to 7190' (7059') to PR NDB, then proceed to holding No 1. Climb grad MIM 3.4% until reaching PR NDB.

Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: FL 90 2 Trans alt: 8010' (7879')



NDB apch: Pass LMM not below 370' (239').



Gnd speed-Kts	70	90	100	120	140	160		2430' (2299') or above on 344°
ILS GS or	331	425	472	567	661	756		
NDB Desc Angle 2.67°								
LOM to MAP	1.6	1:22	1:04	0:58	0:48	0:41	0:36	

STRAIGHT-IN LANDING RWY 34R							
Missed apch climb gradient mim 3.4%							
ILS DA(H) 331' (200')		LOC (GS out)		NDB MDA(H) 490' (359')			
FULL	ALS out				ALS out		
A							
B	RVR 720m VIS 800m	1200m		1200m	RVR 1800m VIS 2000m		
C		NOT AUTH					
D				RVR 1500m VIS 1600m			

Chart changes since cycle 24-2012

ADD = added chart, REV = revised chart, DEL = deleted chart.

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
PETROPAVLOVSK-KAMCHATSKY, (YELIZOVO - UHPP)				
DEL	BAKEN & HY 34A ARRS	10-2	07 Dec 2012	13 Dec 2012
ADD	BAKEN, GANKA & HALAK 2A A...	10-2	07 Dec 2012	13 Dec 2012
ADD	KUDER & MALKa 2A ARRS	10-2A	07 Dec 2012	13 Dec 2012
DEL	KULOD & MALKa 34A ARRS	10-2A	07 Dec 2012	13 Dec 2012
ADD	PIRUT, SAMIK & TUPAN 2A A...	10-2B	07 Dec 2012	13 Dec 2012
DEL	PIRUT, SAMIK & TUPAN 34A ...	10-2B	07 Dec 2012	13 Dec 2012
DEL	BAKEN & KULOD 34B ARRS	10-2C	07 Dec 2012	13 Dec 2012
ADD	BAKEN, BIRGA & GANKA 2B A...	10-2C	07 Dec 2012	13 Dec 2012
ADD	KUDER & MALKa 2B ARRS	10-2D	07 Dec 2012	13 Dec 2012
DEL	MALKa & MN 34B ARRS	10-2D	07 Dec 2012	13 Dec 2012
ADD	PIRUT, SAMIK & TUPAN 2B A...	10-2E	07 Dec 2012	13 Dec 2012
DEL	PIRUT, SAMIK & TUPAN 34B ...	10-2E	07 Dec 2012	13 Dec 2012
ADD	BALOK, MALKa & RINOT 2C A...	10-2F	07 Dec 2012	13 Dec 2012
DEL	MALKa & RINOT 34C ARRS	10-2F	07 Dec 2012	13 Dec 2012
DEL	BAKEN & KULOD 16F DEPS	10-3	07 Dec 2012	13 Dec 2012
ADD	BAKEN, GANKA & KUDER 1D D...	10-3	07 Dec 2012	13 Dec 2012
ADD	BAKEN & GANKa 3D & 3E DEP...	10-3A	07 Dec 2012	13 Dec 2012
DEL	BAKEN 34E & 34L DEPS	10-3A	07 Dec 2012	13 Dec 2012
ADD	KUDER 3D & 3E DEPS	10-3B	07 Dec 2012	13 Dec 2012
DEL	KULOD 34E & 34L DEPS	10-3B	07 Dec 2012	13 Dec 2012
DEL	MALKa & RINOT 16F DEPS	10-3C	07 Dec 2012	13 Dec 2012
ADD	MALKa & RINOT 1D DEPS	10-3C	07 Dec 2012	13 Dec 2012
DEL	MALKa 34E, 34K & 34L DEPS	10-3D	07 Dec 2012	13 Dec 2012
ADD	MALKa 3D, 3E & 3F DEPS	10-3D	07 Dec 2012	13 Dec 2012
DEL	RINOT 34E & 34L DEPS	10-3E	07 Dec 2012	13 Dec 2012
ADD	RINOT 3D & 3E DEPS	10-3E	07 Dec 2012	13 Dec 2012
DEL	SAMIK 16F & 16G, TUPAN 16...	10-3F	07 Dec 2012	13 Dec 2012
ADD	SAMIK 1D & 1F, TUPAN 1D D...	10-3F	07 Dec 2012	13 Dec 2012
DEL	SAMIK 34E, 34L & 34M, TUP...	10-3G	07 Dec 2012	13 Dec 2012
ADD	SAMIK 3D, 3E & 3F, TUPAN ...	10-3G	07 Dec 2012	13 Dec 2012
REV	AIRPORT	10-9	07 Dec 2012	13 Dec 2012
REV	PARKING, AIRPORT INFO, TA...	10-9A	07 Dec 2012	13 Dec 2012
REV	ILS OR 2 NDB RWY 34R ALPH...	11-1	07 Dec 2012	13 Dec 2012
REV	ILS OR 2 NDB RWY 34R BRAV...	11-2	07 Dec 2012	13 Dec 2012
REV	ILS OR 2 NDB RWY 34R BRAV...	11-3	07 Dec 2012	13 Dec 2012
REV	CIRCLING RWY 16L	19-10	07 Dec 2012	13 Dec 2012

TERMINAL CHART CHANGE NOTICES

Chart Change Notices for Airport UHPP

Type: Terminal

Effectivity: Temporary

Begin Date: Immediately

End Date: Until Further Notice

(10-2A, 10-2D, 10-2F, 10-3A, 10-3B/3C, 10-3D/3E, 10-3G) Eff 18 Oct 12 coords of MK NDB changed to N53 19.6 E157 32.2.