

## List of pages in this Trip Kit

Trip Kit Index

Airport Information For SBBR

Terminal Charts For SBBR

Revision Letter For Cycle 01-2015

Change Notices

Notebook

General Information

Location: Brasilia Bra  
IATA Code: BSB  
Lat/Long: S15° 52.3' W047° 55.1'  
Elevation: 3497 ft

Airport Use: Public  
Magnetic Variation: 21.3°W

Fuel Types: 100-130 Octane, Jet A-1  
Repair Types: Major Airframe, Major Engine  
Customs: Yes  
Airport Type: IFR  
Landing Fee: No  
Control Tower: Yes  
Jet Start Unit: No  
LLWS Alert: No  
Beacon: Yes

Sunrise: 0847 Z  
Sunset: 2148 Z,

Runway Information

Runway: 11L  
Length x Width: 10499 ft x 148 ft  
Surface Type: asphalt  
TDZ-Elev: 3447 ft  
Lighting: Edge, ALS

Runway: 11R  
Length x Width: 10827 ft x 148 ft  
Surface Type: asphalt  
TDZ-Elev: 3497 ft  
Lighting: Edge, ALS

Runway: 29L  
Length x Width: 10827 ft x 148 ft  
Surface Type: asphalt  
TDZ-Elev: 3417 ft  
Lighting: Edge, ALS

Runway: 29R  
Length x Width: 10499 ft x 148 ft  
Surface Type: asphalt  
TDZ-Elev: 3479 ft  
Lighting: Edge, ALS

Communication Information

- ATIS 127.8
- Brasilia Tower 118.45
- Brasilia Tower 118.1
- Brasilia Ground Control 121.8
- Brasilia Clearance Delivery 121.0
- Brasilia Approach Control 119.7 TCA
- Brasilia Approach Control 119.2 TCA
- Brasilia Approach Control 129.6
- Brasilia Approach Control 129.15
- Brasilia Approach Control 120.65
- Brasilia Approach Control 120.3
- Brasilia Approach Control 120.0
- Brasilia Approach Control 119.5 TCA
- Brasilia Operations 122.5
- Brasilia Center 135.9 Secondary
- Brasilia Center 135.55 Secondary
- Brasilia Center 135.15 Secondary
- Brasilia Center 135.0 Secondary
- Brasilia Center 134.0
- Brasilia Center 133.9 Secondary
- Brasilia Center 133.75
- Brasilia Center 133.1
- Brasilia Center 133.05 Secondary
- Brasilia Center 128.5 Secondary
- Brasilia Center 128.3 Secondary
- Brasilia Center 128.2
- Brasilia Center 128.05
- Brasilia Center 127.3 Secondary
- Brasilia Center 127.25 Secondary
- Brasilia Center 127.0
- Brasilia Center 126.8
- Brasilia Center 126.75
- Brasilia Center 126.45 Secondary
- Brasilia Center 126.15
- Brasilia Center 126.05 Secondary
- Brasilia Center 125.55
- Brasilia Center 125.05
- Brasilia Center 124.8
- Brasilia Center 124.7
- Brasilia Center 124.5
- Brasilia Center 124.3 Secondary
- Brasilia Center 124.2
- Brasilia Center 123.95
- Brasilia Center 123.75 Secondary
- Brasilia Center 123.35 Secondary
- Brasilia Center 123.0 Secondary

BRASILIA Control (Approach) (R)

119.2

119.5

119.7

120.0

120.3

129.6

Apt Elev  
**3497'**

Alt Set: hPa

Trans level: By ATC

Trans alt: 7000'

1. Chart only to be used for cross-checking of altitudes assigned while under RADAR control.
2. Bearings and distances are referenced to BSI VOR.

COM FAILURE

1. Set transponder code 7600; and
2. Follow COM FAILURE procedure on relevant STAR and/or IAC.

4545'

6000

FORMOSA  
FRM VOR

5500

COCHO  
CH NDB

BRASILIA  
116.3 BSI

Pres Juscelino  
Kubitschek Intl

LUZANIA  
LUZ VOR

5500

6000

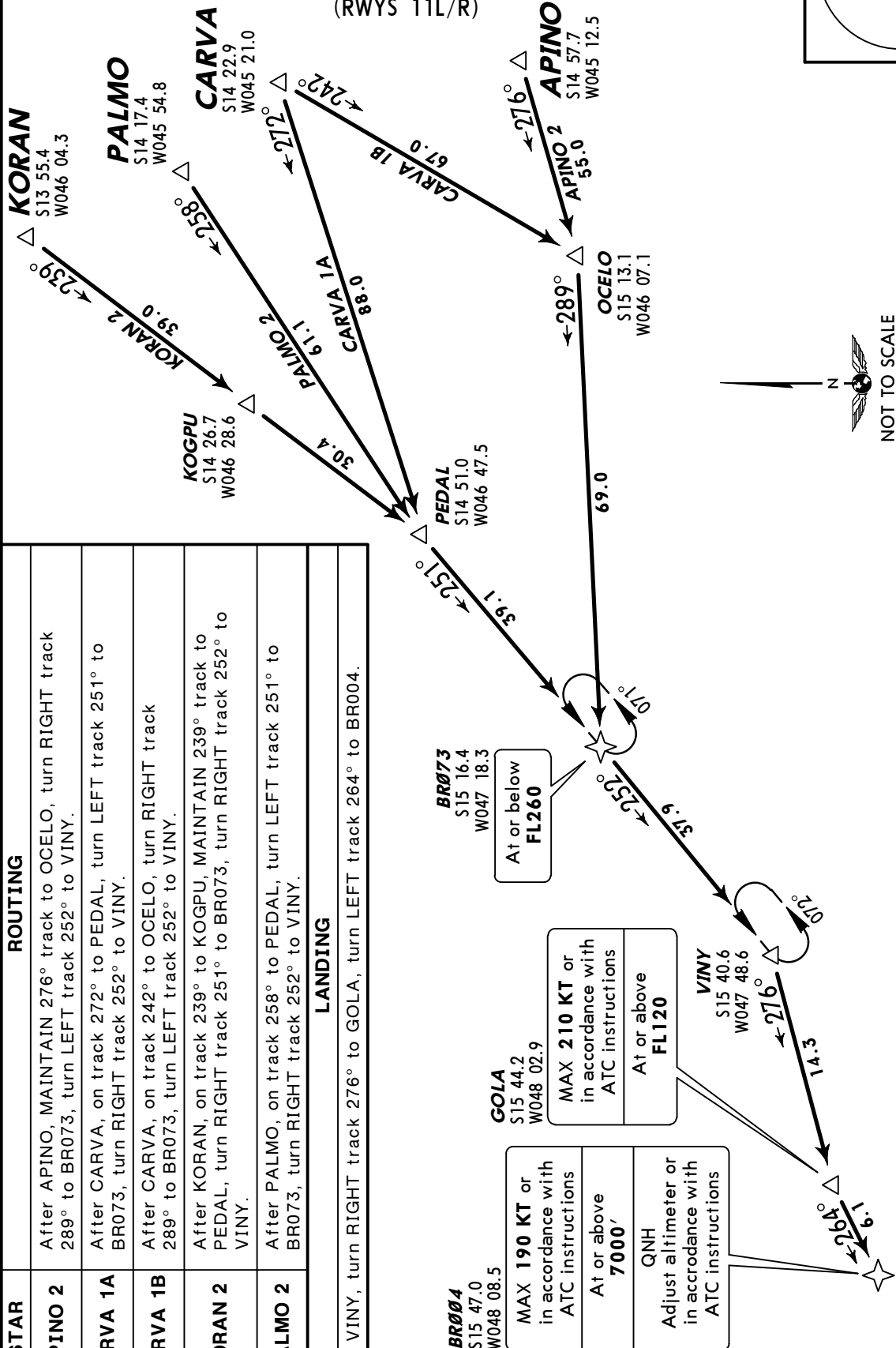
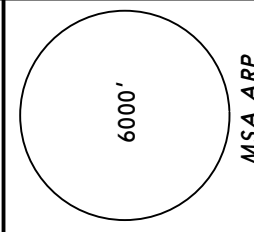
ATIS  
127.8

Apt Elev  
3497'

Alt Set: hPa Trans level: By ATC Trans alt: 7000'

1. RNAV 1.
2. RADAR required.
3. B-RNP 1.
4. For non-GNSS equipped aircraft: BSI, FRM and LUZ must be operational.

**APINO 2 [APINO2], CARVA 1A [CARV1A],  
CARVA 1B [CARV1B], KORAN 2 [KORAN2],  
PALMO 2 [PALMO2] RNAV ARRIVALS**  
(RWYS 11L/R)



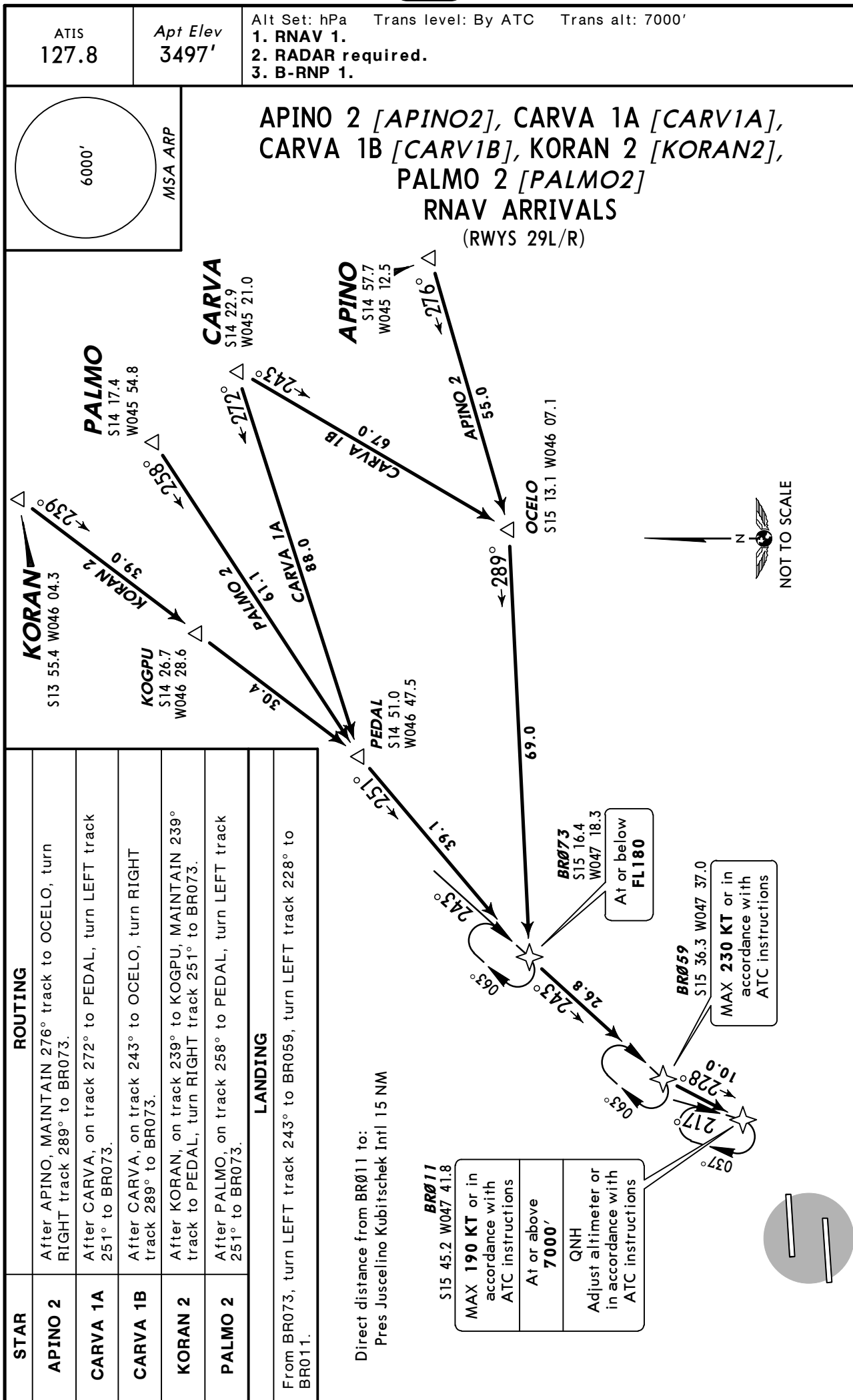
**ROUTING**

| STAR            | ROUTING                                                                                                                           |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>APINO 2</b>  | After APINO, MAINTAIN 276° track to OCELO, turn RIGHT track 289° to BR073, turn LEFT track 252° to VINY.                          |
| <b>CARVA 1A</b> | After CARVA, on track 272° to PEDAL, turn LEFT track 251° to BR073, turn RIGHT track 252° to VINY.                                |
| <b>CARVA 1B</b> | After CARVA, on track 242° to OCELO, turn RIGHT track 289° to BR073, turn LEFT track 252° to VINY.                                |
| <b>KORAN 2</b>  | After KORAN, on track 239° to KOGPU, MAINTAIN 239° track to PEDAL, turn RIGHT track 251° to BR073, turn RIGHT track 252° to VINY. |
| <b>PALMO 2</b>  | After PALMO, on track 258° to PEDAL, turn LEFT track 251° to BR073, turn RIGHT track 252° to VINY.                                |

**LANDING**

At VINY, turn RIGHT track 276° to GOLLA, turn LEFT track 264° to BR004.

Direct distance from BR004 to:  
Pres Juscelino Kubitschek Intl 14 NM



ATIS  
127.8

Apt Elev  
3497'

Alt Set: hPa Trans level: By ATC Trans alt: 7000'

1. DME/DME/IRU or GNSS required. 2. RNAV 1.

3. RADAR required. 4. B-RNP 1.

5. For non-GNSS equipped aircraft: APO, ARX, BSI, LUZ and ULD must be operational.

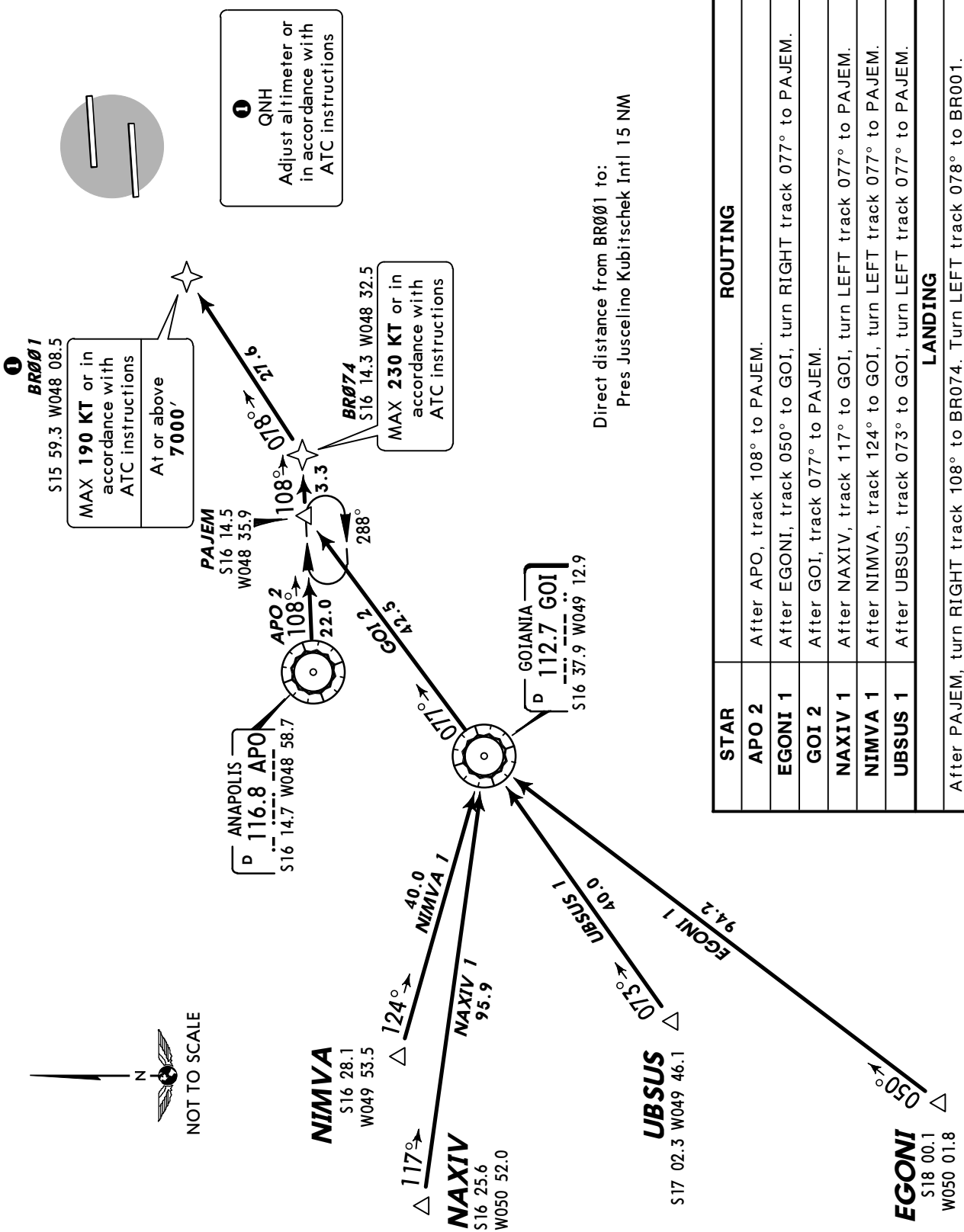
6000'

MSA ARP

**APO 2 [APO2], EGONI 1 [EGONI1],  
GOI 2 [GOI2], NAXIV 1 [NAXIV1],  
NIMVA 1 [NIMVA1], UBSUS 1 [UBSUS1]**

**RNAV ARRIVALS**

(RWYS 11L/R)

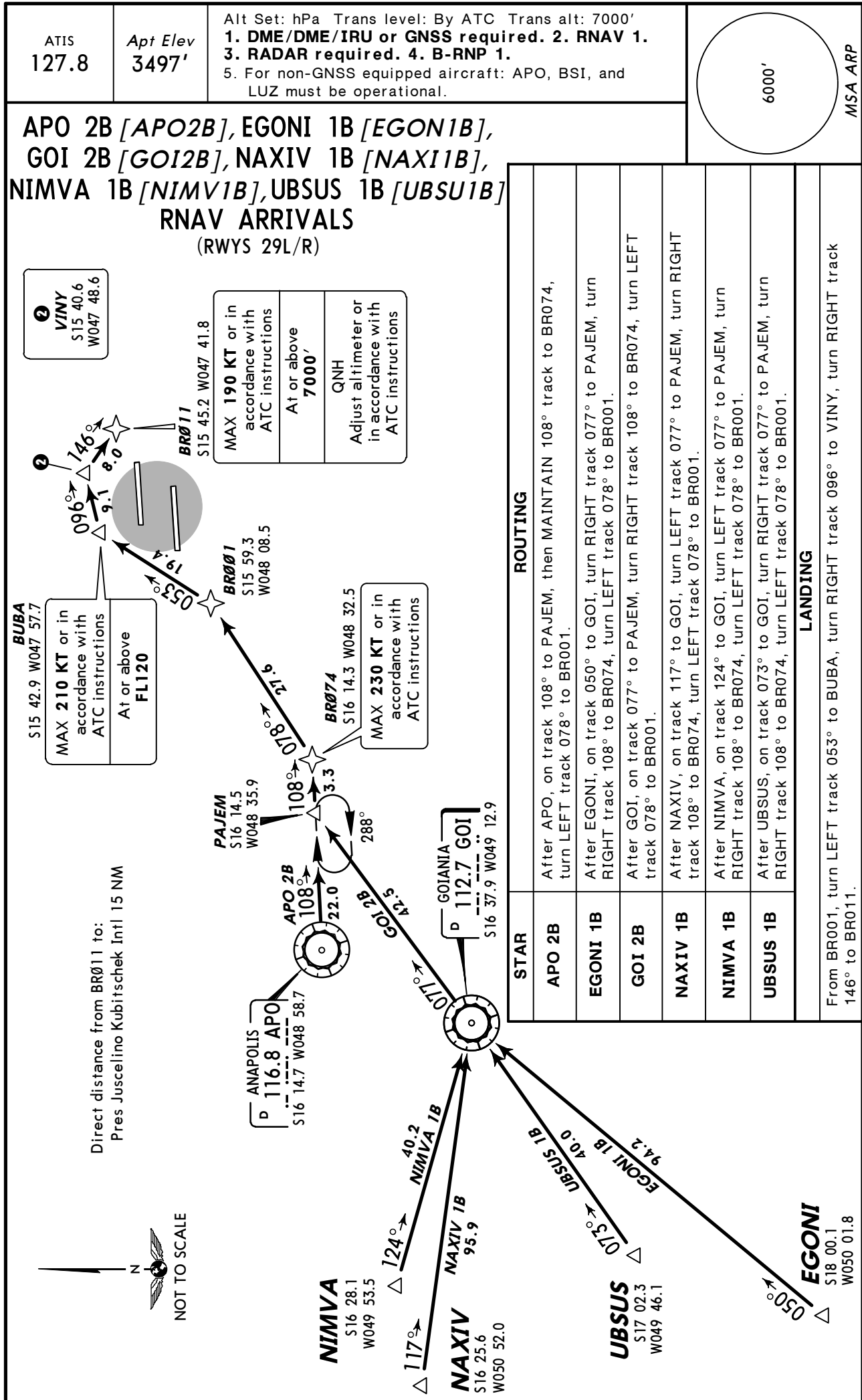


**ROUTING**

| STAR                                                                        | ROUTING                                                         |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------|
| <b>APO 2</b>                                                                | After APO, track 108° to PAJEM.                                 |
| <b>EGONI 1</b>                                                              | After EGONI, track 050° to GOI, turn RIGHT track 077° to PAJEM. |
| <b>GOI 2</b>                                                                | After GOI, track 077° to PAJEM.                                 |
| <b>NAXIV 1</b>                                                              | After NAXIV, track 117° to GOI, turn LEFT track 077° to PAJEM.  |
| <b>NIMVA 1</b>                                                              | After NIMVA, track 124° to GOI, turn LEFT track 077° to PAJEM.  |
| <b>UBSUS 1</b>                                                              | After UBSUS, track 073° to GOI, turn LEFT track 077° to PAJEM.  |
| <b>LANDING</b>                                                              |                                                                 |
| After PAJEM, turn RIGHT track 108° to BR074. Turn LEFT track 078° to BR001. |                                                                 |

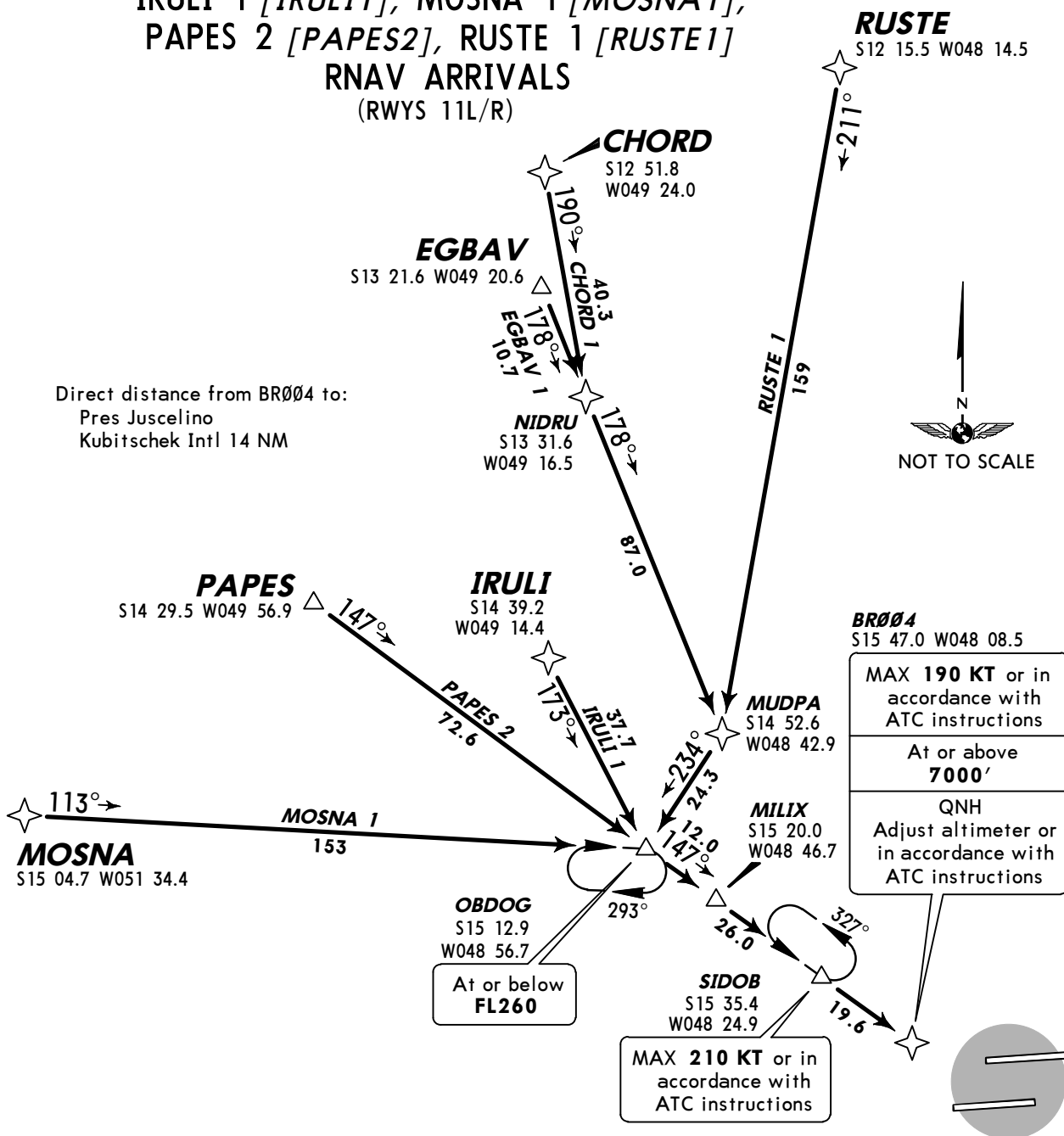
MSA ARP

From BR001. turn RIGHT track 107° to BR057. MAINTAIN 107° track to BR014.



|               |                   |                                                                                                                                                                                                                                                                                                                                  |                      |
|---------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| ATIS<br>127.8 | Apt Elev<br>3497' | Alt Set: hPa Trans level: By ATC Trans alt: 7000'<br><b>1. RNAV 1.</b><br><b>2. RADAR required. 3. B-RNP 1.</b><br>4. Segments CHORD-NIDRU, EGBAV-NIDRU, IRULI-OBDOG: <b>GNSS only.</b><br>Other segments: <b>DME/DME/IRU or GNSS required.</b><br>5. For non-GNSS equipped aircraft: ANP, BSI, FRM and LUZ must be operational. | 6000'<br><br>MSA ARP |
|---------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|

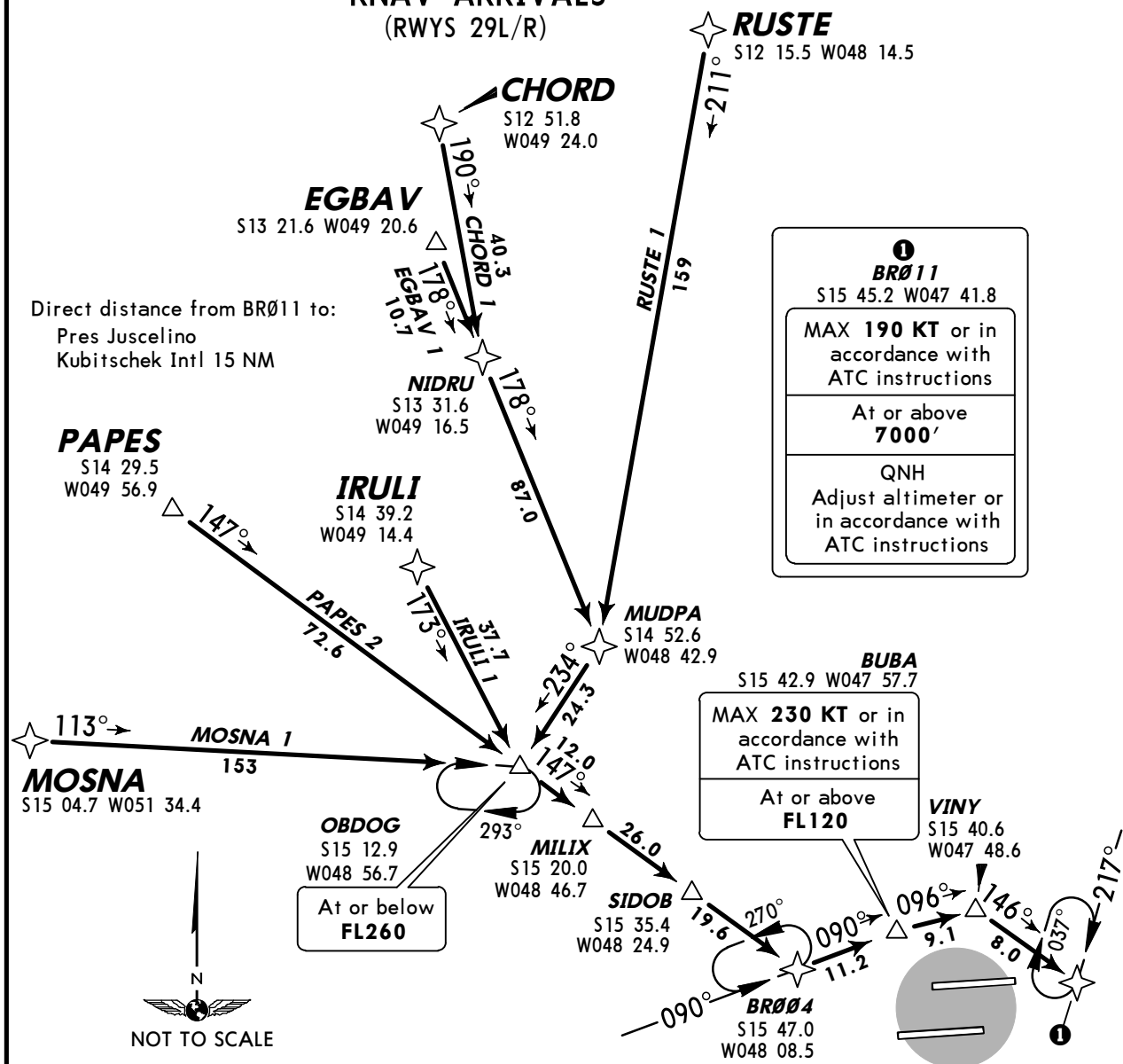
**CHORD 1 [CHORD1], EGBAV 1 [EGBAV1],  
IRULI 1 [IRULI1], MOSNA 1 [MOSNA1],  
PAPES 2 [PAPES2], RUSTE 1 [RUSTE1]  
RNAV ARRIVALS  
(RWYS 11L/R)**



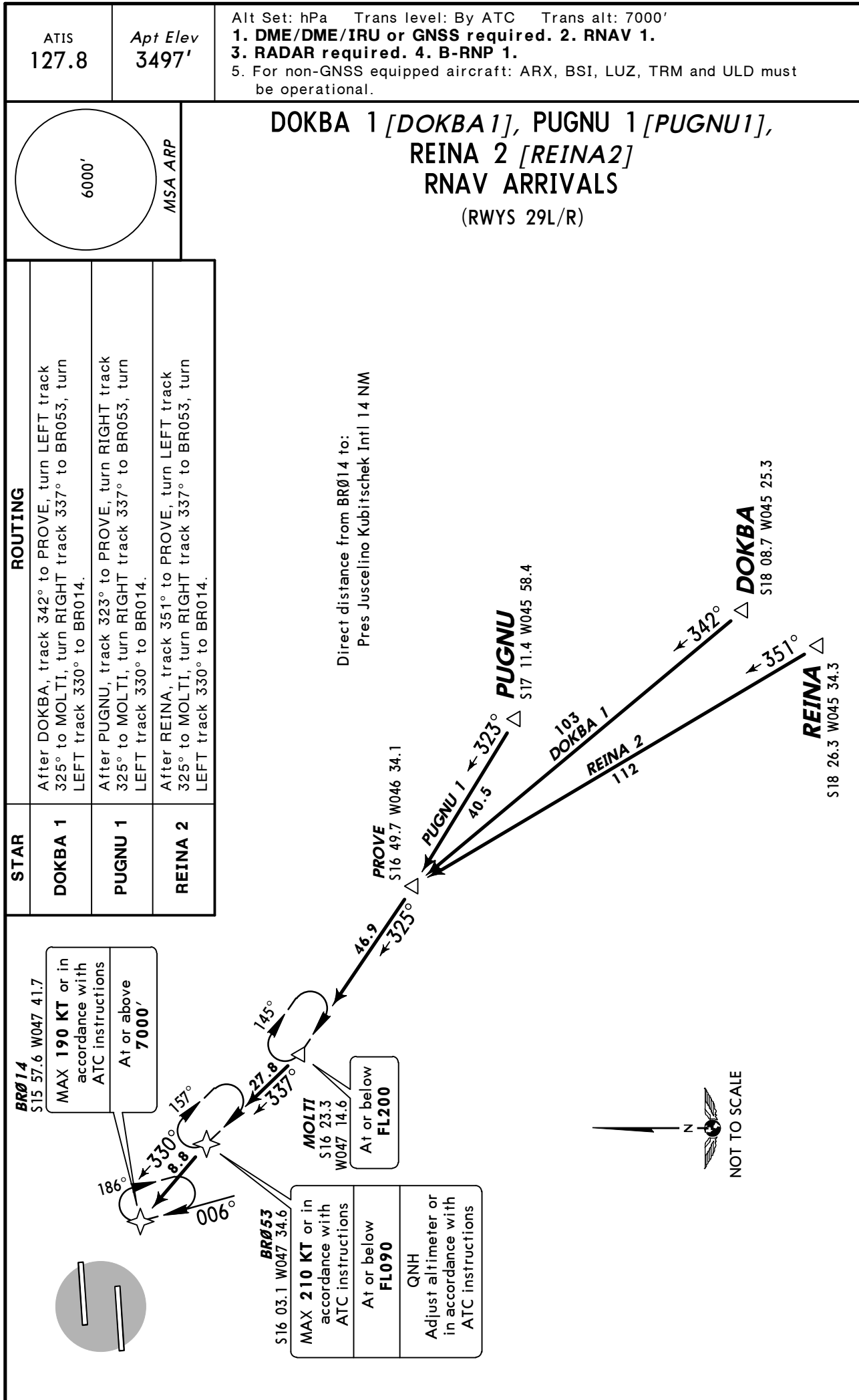
| STAR                                                | ROUTING                                                                                                                                     |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CHORD 1</b>                                      | After CHORD, on track 190° to NIDRU, turn LEFT to track 178° to MUDPA, turn RIGHT to track 234° to OBDOG, turn LEFT to track 147° to MILIX. |
| <b>EGBAV 1</b>                                      | After EGBAV, on track 178° to NIDRU, MAINTAIN 178° track to MUDPA, turn RIGHT to track 234° to OBDOG, turn LEFT to track 147° to MILIX.     |
| <b>IRULI 1</b>                                      | After IRULI, on track 173° to OBDOG, turn LEFT to track 147° to MILIX.                                                                      |
| <b>MOSNA 1</b>                                      | After MOSNA, on track 113° to OBDOG, turn RIGHT to track 147° to MILIX.                                                                     |
| <b>PAPES 2</b>                                      | After PAPES, on track 147° to OBDOG, MAINTAIN 147° track to MILIX.                                                                          |
| <b>RUSTE 1</b>                                      | After RUSTE, on track 211° to MUDPA, turn RIGHT to track 234° to OBDOG, turn LEFT to track 147° to MILIX.                                   |
| <b>LANDING</b>                                      |                                                                                                                                             |
| From MILIX, MAINTAIN 147° track to SIDOB, to BR004. |                                                                                                                                             |

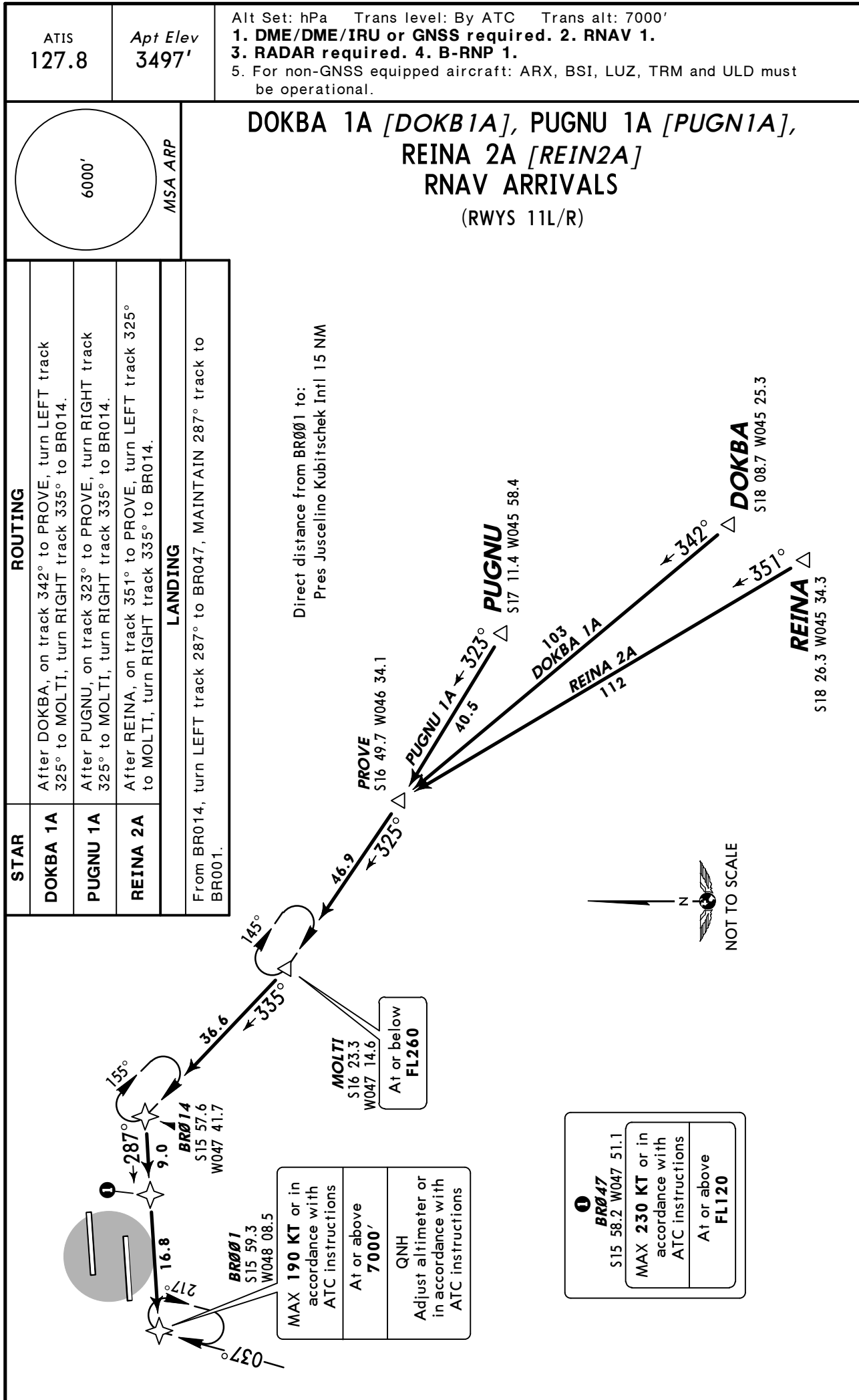
|               |                   |                                                                                                                                                                                                                                                                                                                                  |                      |
|---------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| ATIS<br>127.8 | Apt Elev<br>3497' | Alt Set: hPa Trans level: By ATC Trans alt: 7000'<br><b>1. RNAV 1.</b><br><b>2. RADAR required. 3. B-RNP 1.</b><br>4. Segments CHORD-NIDRU, EGBAV-NIDRU, IRULI-OBDOG: <b>GNSS only.</b><br>Other segments: <b>DME/DME/IRU or GNSS required.</b><br>5. For non-GNSS equipped aircraft: ANP, BSI, FRM and LUZ must be operational. | 6000'<br><br>MSA ARP |
|---------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|

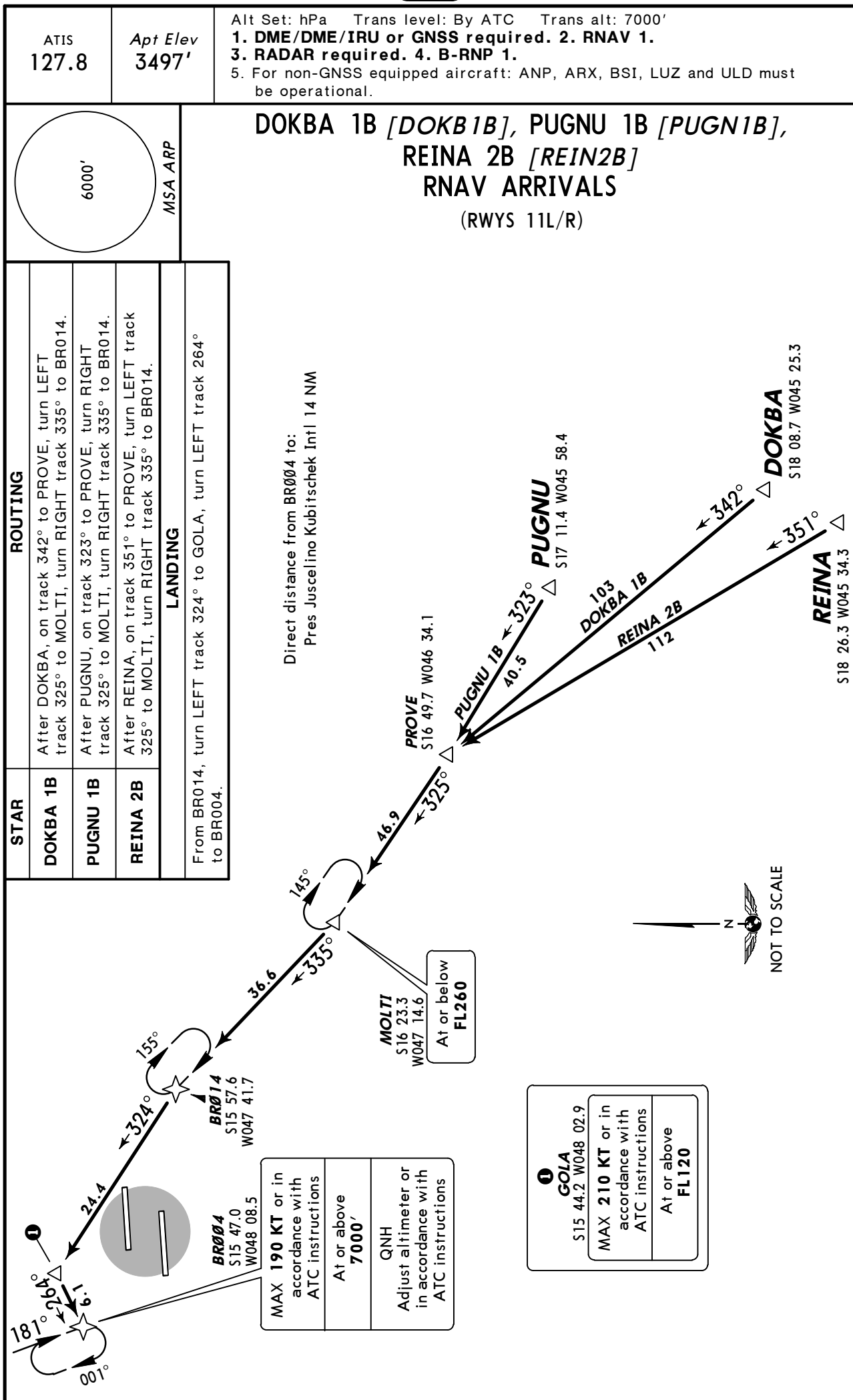
**CHORD 1 [CHORD1], EGBAV 1 [EGBAV1],  
IRULI 1 [IRULI1], MOSNA 1 [MOSNA1],  
PAPES 2 [PAPES2], RUSTE 1 [RUSTE1]  
RNAV ARRIVALS  
(RWYS 29L/R)**



| STAR                                                                                                                                               | ROUTING                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <b>CHORD 1</b>                                                                                                                                     | After CHORD, on track 190° to NIDRU, turn LEFT track 178° to MUDPA, turn RIGHT track 234° to OBDOG, turn LEFT track 147° to MILIX. |
| <b>EGBAV 1</b>                                                                                                                                     | After EGBAV, on track 178° to NIDRU, MAINTAIN 178° track to MUDPA, turn RIGHT track 234° to OBDOG, turn LEFT track 147° to MILIX.  |
| <b>IRULI 1</b>                                                                                                                                     | After IRULI, on track 173° to OBDOG, turn LEFT track 147° to MILIX.                                                                |
| <b>MOSNA 1</b>                                                                                                                                     | After MOSNA, on track 113° to OBDOG, turn RIGHT track 147° to MILIX.                                                               |
| <b>PAPES 2</b>                                                                                                                                     | After PAPES, on track 147° to OBDOG, MAINTAIN 147° track to MILIX.                                                                 |
| <b>RUSTE 1</b>                                                                                                                                     | After RUSTE, on track 211° to MUDPA, turn RIGHT track 234° to OBDOG, turn LEFT track 147° to MILIX.                                |
| LANDING                                                                                                                                            |                                                                                                                                    |
| From MILIX, MAINTAIN 147° track to SIDOB, to BR004, then turn LEFT track 090° to BUBA, turn RIGHT track 096° to VINY, turn RIGHT track 146° BR011. |                                                                                                                                    |



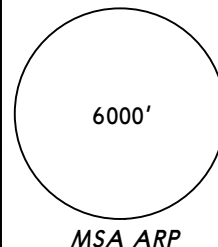




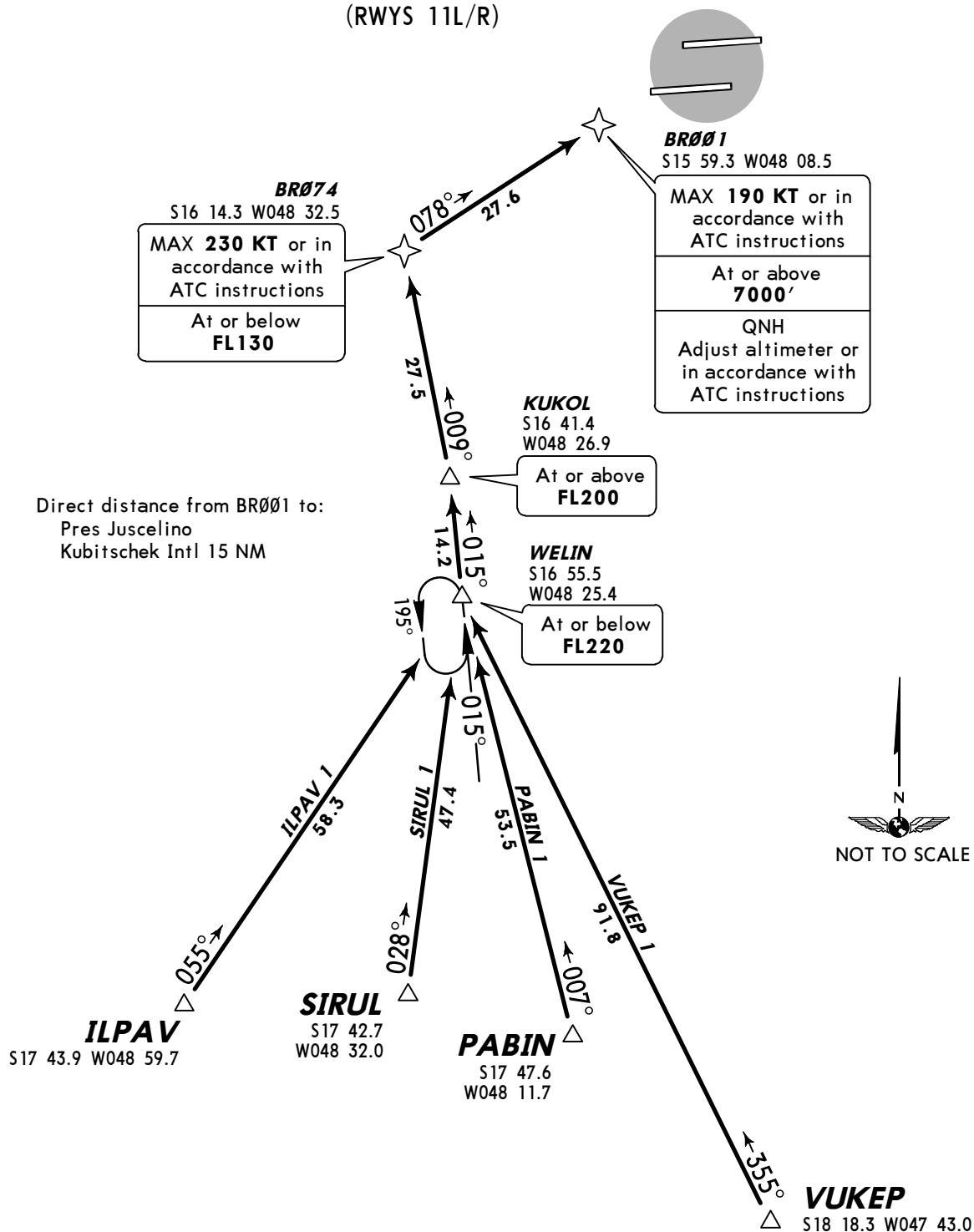
ATIS  
**127.8**

Apt Elev  
**3497'**

Alt Set: hPa Trans level: By ATC Trans alt: 7000'  
**1. DME/DME/IRU or GNSS required. 2. RNAV 1.**  
**3. RADAR required. 4. B-RNP 1.**  
5. For non-GNSS equipped aircraft: APO, ARX, BSI,  
LUZ and ULD must be operational.



**ILPAV 1 [ILPAV1], PABIN 1 [PABIN1],  
SIRUL 1 [SIRUL1], VUKEP 1 [VUKEP1]**  
**RNAV ARRIVALS**  
(RWYS 11L/R)

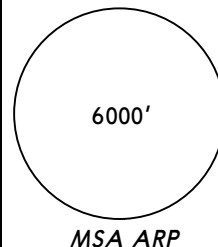


| STAR                                                                                                   | ROUTING                           |
|--------------------------------------------------------------------------------------------------------|-----------------------------------|
| <b>ILPAV 1</b>                                                                                         | After ILPAV, track 055° to WELIN. |
| <b>PABIN 1</b>                                                                                         | After PABIN, track 007° to WELIN. |
| <b>SIRUL 1</b>                                                                                         | After SIRUL, track 028° to WELIN. |
| <b>VUKEP 1</b>                                                                                         | After VUKEP, track 355° to WELIN. |
| LANDING                                                                                                |                                   |
| At WELIN, MAINTAIN 015° track to KUKOL, turn LEFT track 009° to BR074, turn RIGHT track 078° to BR001. |                                   |

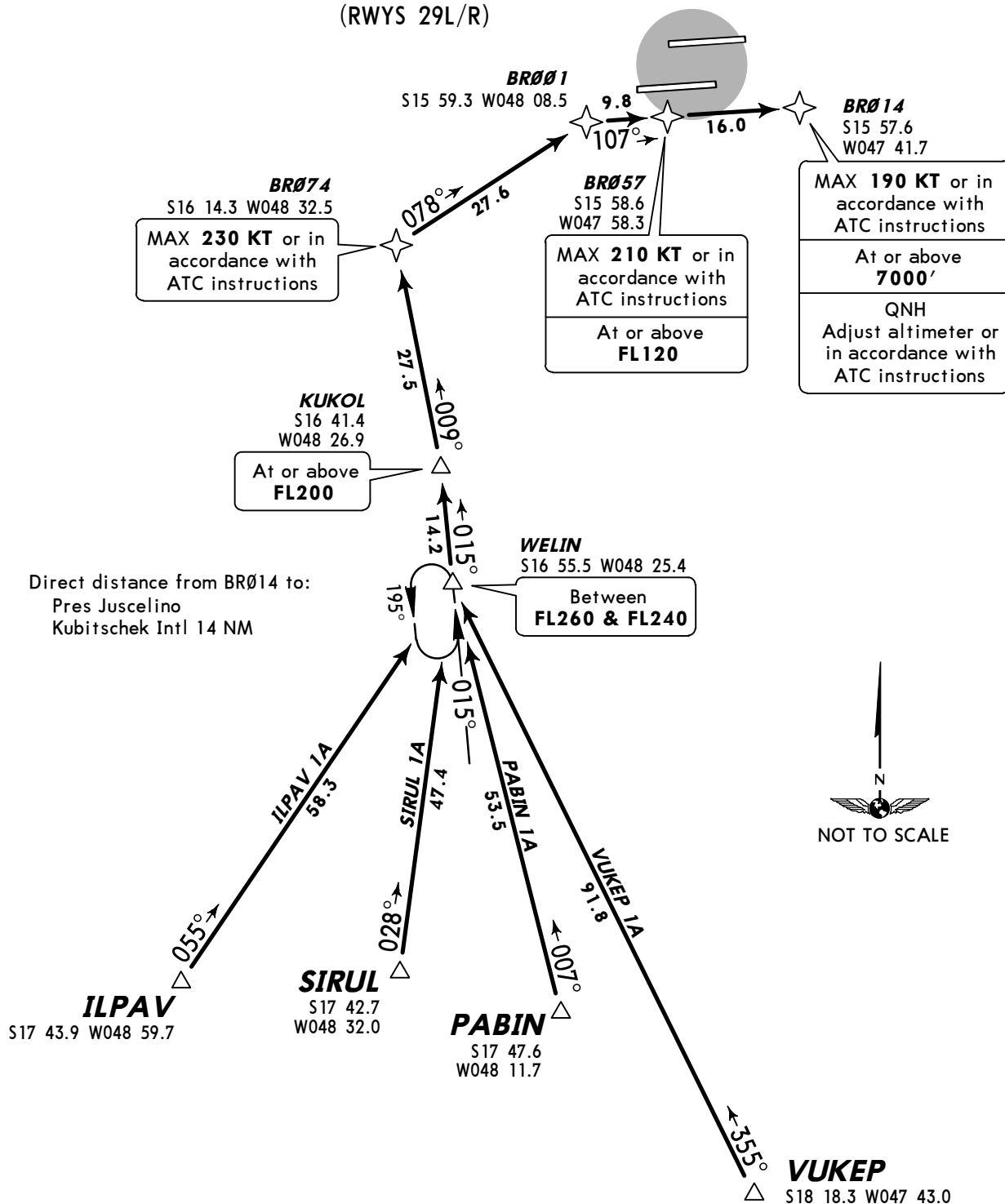
ATIS  
127.8

Apt Elev  
3497'

Alt Set: hPa Trans level: By ATC Trans alt: 7000'  
**1. DME/DME/IRU or GNSS required. 2. RNAV 1.**  
**3. RADAR required. 4. B-RNP 1.**  
 5. For non-GNSS equipped aircraft: APO, ARX, BSI, LUZ and ULD must be operational.



**ILPAV 1A [ILPA1A], PABIN 1A [PABI1A],  
 SIRUL 1A [SIRU1A], VUKEP 1A [VUKE1A]  
 RNAV ARRIVALS  
 (RWYS 29L/R)**

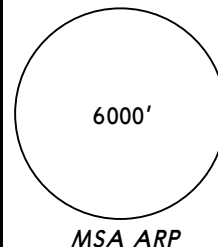


| STAR                                                                                                                                                                  | ROUTING                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| <b>ILPAV 1A</b>                                                                                                                                                       | After ILPAV, track 055° to WELIN. |
| <b>PABIN 1A</b>                                                                                                                                                       | After PABIN, track 007° to WELIN. |
| <b>SIRUL 1A</b>                                                                                                                                                       | After SIRUL, track 028° to WELIN. |
| <b>VUKEP 1A</b>                                                                                                                                                       | After VUKEP, track 355° to WELIN. |
| LANDING                                                                                                                                                               |                                   |
| At WELIN, turn LEFT track 015° to KUKOL. Turn LEFT track 009° to BR074, turn RIGHT track 078° to BR001. Turn RIGHT track 107° to BR057. MAINTAIN 107° track to BR014. |                                   |

ATIS  
127.8

Apt Elev  
3497'

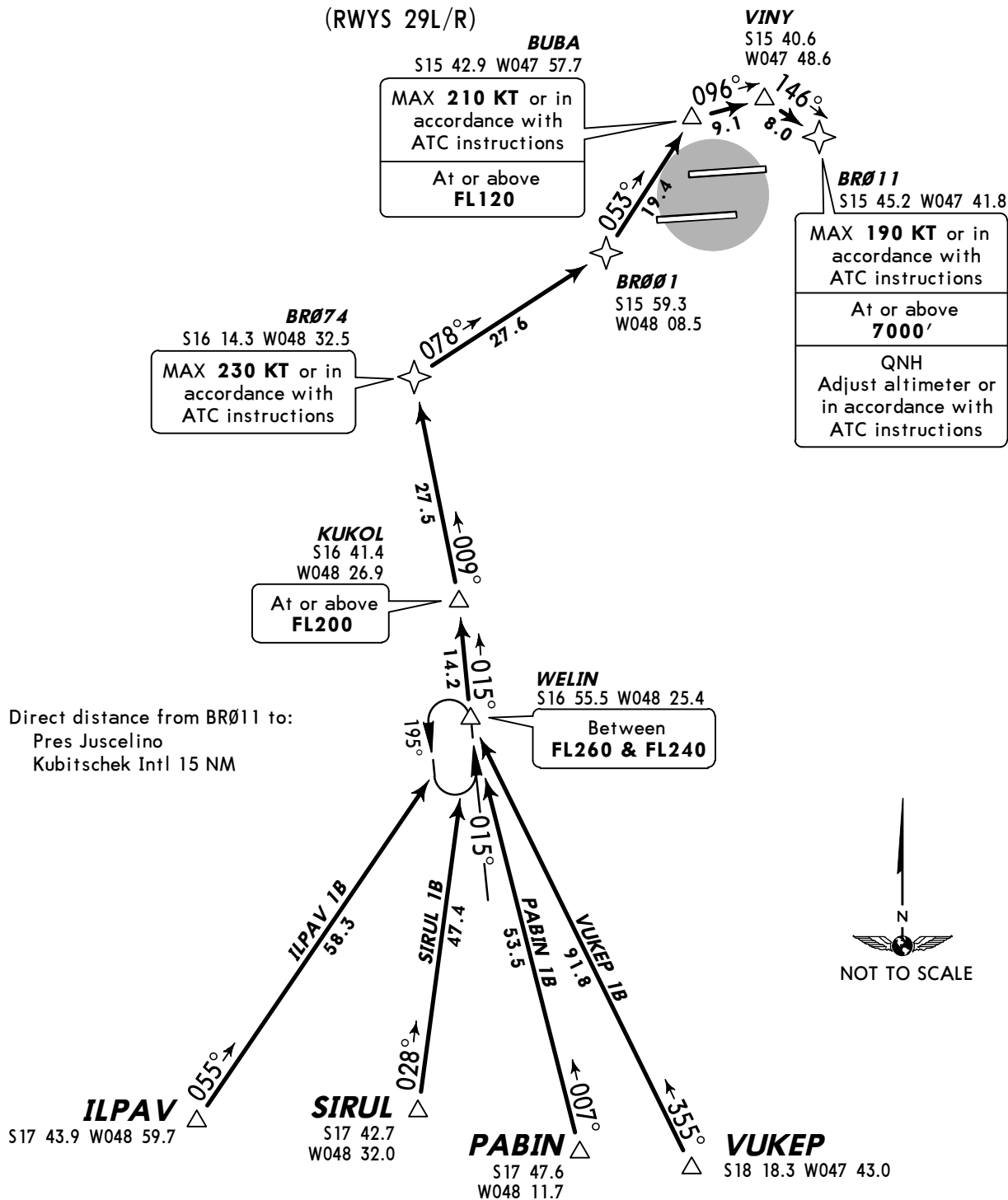
Alt Set: hPa Trans level: By ATC Trans alt: 7000'  
1. DME/DME/IRU or GNSS required. 2. RNAV 1.  
3. RADAR required. 4. B-RNP 1.  
5. For non-GNSS equipped aircraft: APO, ARX, BSI,  
LUZ and ULD must be operational.



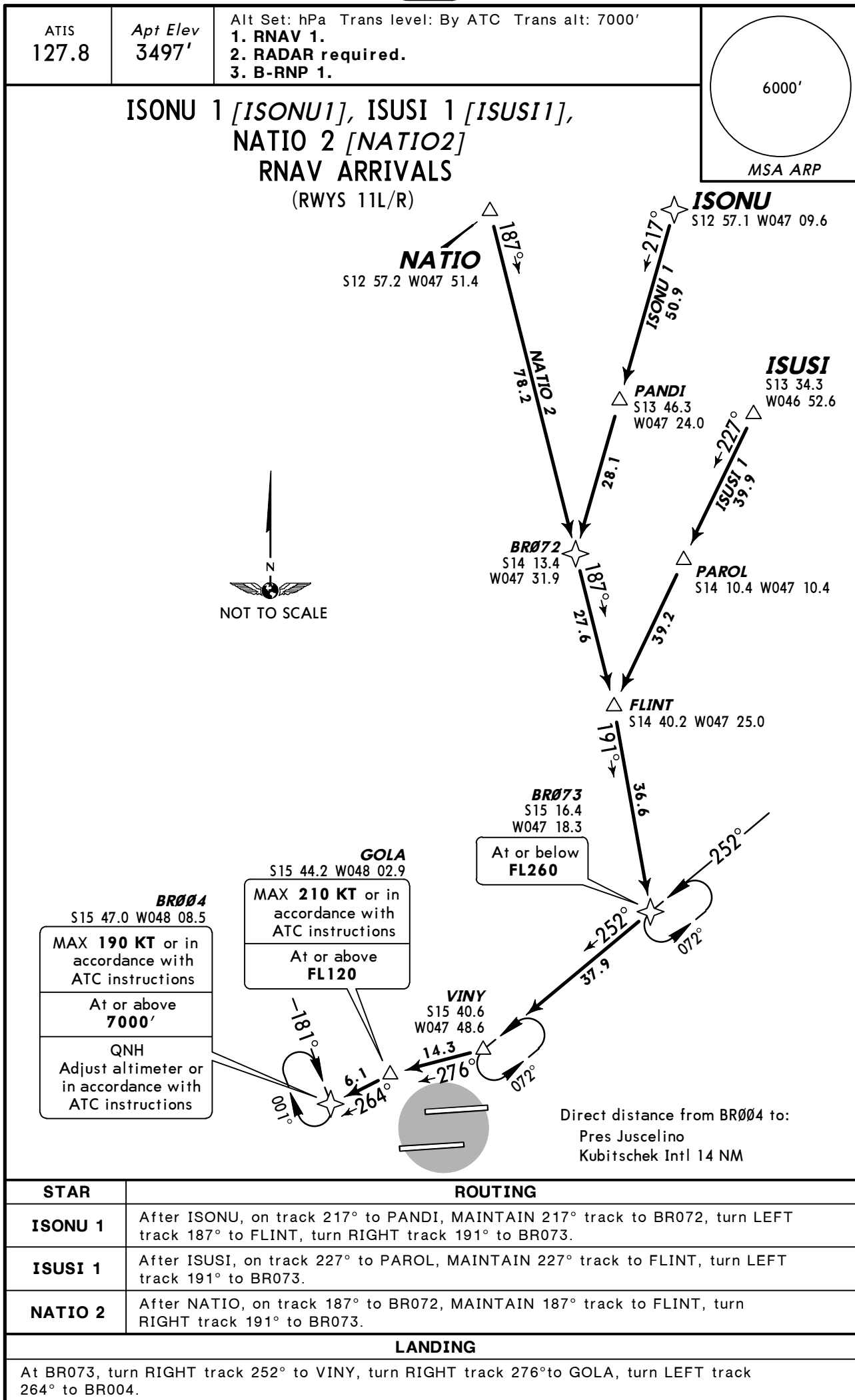
ILPAV 1B [ILPA1B], PABIN 1B [PABI1B],  
SIRUL 1B [SIRU1B], VUKEP 1B [VUKE1B]

RNAV ARRIVALS

(RWYS 29L/R)

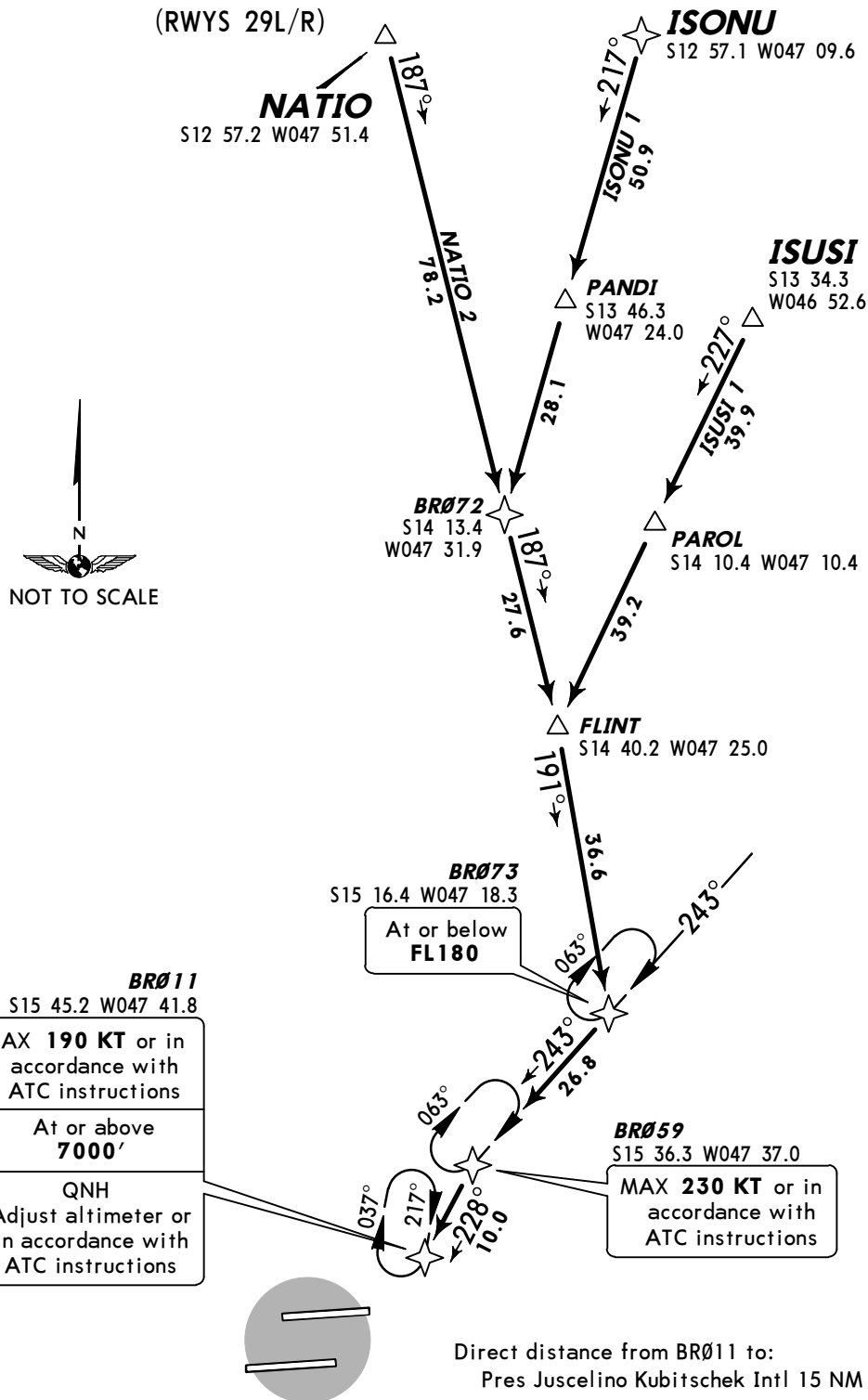


| STAR                                                                                                                                                                                                | ROUTING                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| ILPAV 1B                                                                                                                                                                                            | After ILPAV, track 055° to WELIN. |
| PABIN 1B                                                                                                                                                                                            | After PABIN, track 007° to WELIN. |
| SIRUL 1B                                                                                                                                                                                            | After SIRUL, track 028° to WELIN. |
| VUKEP 1B                                                                                                                                                                                            | After VUKEP, track 355° to WELIN. |
| LANDING                                                                                                                                                                                             |                                   |
| At WELIN, MAINTAIN 015° track to KUKOL. Turn LEFT track 009° to BR074. Turn RIGHT track 078° to BR001. Turn LEFT track 053° to BUBA, turn RIGHT track 096° to VINY, turn RIGHT track 146° to BR011. |                                   |



|               |                   |                                                                                                      |                                     |
|---------------|-------------------|------------------------------------------------------------------------------------------------------|-------------------------------------|
| ATIS<br>127.8 | Apt Elev<br>3497' | Alt Set: hPa Trans level: By ATC Trans alt: 7000'<br>1. RNAV 1.<br>2. RADAR required.<br>3. B-RNP 1. | <div>6000'</div> <div>MSA ARP</div> |
|---------------|-------------------|------------------------------------------------------------------------------------------------------|-------------------------------------|

**ISONU 1 [ISONU1], ISUSI 1 [ISUSI1],  
 NATIO 2 [NATIO2]  
 RNAV ARRIVALS  
 (RWYS 29L/R)**



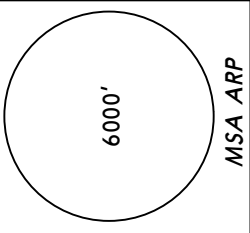
| STAR                                                                             | ROUTING                                                                                                                                 |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>ISONU 1</b>                                                                   | After ISONU, on track 217° to PANDI, MAINTAIN 217° track to BR072, turn LEFT to track 187° to FLINT, turn RIGHT to track 191° to BR073. |
| <b>ISUSI 1</b>                                                                   | After ISUSI, on track 227° to PAROL, MAINTAIN 227° track to FLINT, turn LEFT to track 191° to BR073.                                    |
| <b>NATIO 2</b>                                                                   | After NATIO, on track 187° to BR072, MAINTAIN 187° track to FLINT, turn RIGHT to track 191° to BR073.                                   |
| LANDING                                                                          |                                                                                                                                         |
| From BR073, turn RIGHT to track 243° to BR059, turn LEFT to track 228° to BR011. |                                                                                                                                         |

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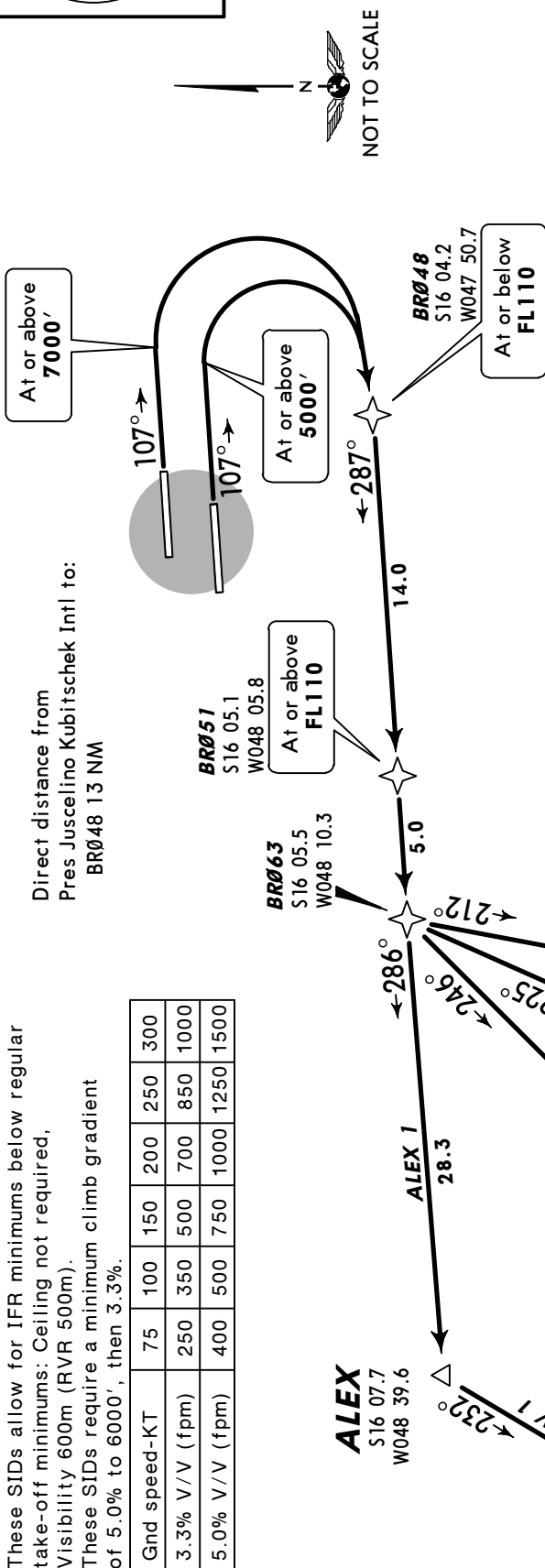
Apt Elev  
**3497'**

Trans level: By ATC Trans alt: 7000'

1. RNAV 1 or B-RNP 1.
2. Certified GNSS required.
3. RADAR required.



**ALEX 1 [ALEX1], KUKOL 1 [KUKOL1],  
 LODUV 1 [LODUV1], OPRAX 1 [OPRAX1],  
 SIREM 1 [SIREM1] RNAV DEPARTURES**  
 (RWYS 11L/R)

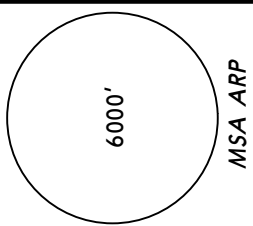


| NOISE ABATEMENT                                                                                                                             |                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Execute specific noise abatement procedure of equipment or MAINTAIN between V2+10 KT and V2+20 KT at the maximum rate of climb until 6000'. |                                                                                                                                            |
| RWY                                                                                                                                         | INITIAL CLIMB                                                                                                                              |
| 11L                                                                                                                                         | After take-off, MAINTAIN 107° course up to 7000', turn RIGHT direct BR048, turn RIGHT course 287° to BR051, MAINTAIN 287° course to BR063. |
| 11R                                                                                                                                         | After take-off, MAINTAIN 107° course up to 5000', turn RIGHT direct BR048, turn RIGHT course 287° to BR051, MAINTAIN 287° course to BR063. |
| ROUTING                                                                                                                                     |                                                                                                                                            |
| SID                                                                                                                                         |                                                                                                                                            |
| ALEX 1                                                                                                                                      | At BR063, turn LEFT track 286° to ALEX.                                                                                                    |
| KUKOL 1                                                                                                                                     | At BR063, turn LEFT track 225° to KUKOL.                                                                                                   |
| LODUV 1                                                                                                                                     | At BR063, turn LEFT track 286° to ALEX, turn LEFT track 232° to LODUV.                                                                     |
| OPRAX 1                                                                                                                                     | At BR063, turn LEFT track 212° to OPRAX.                                                                                                   |
| SIREM 1                                                                                                                                     | At BR063, turn LEFT track 246° to SIREM.                                                                                                   |

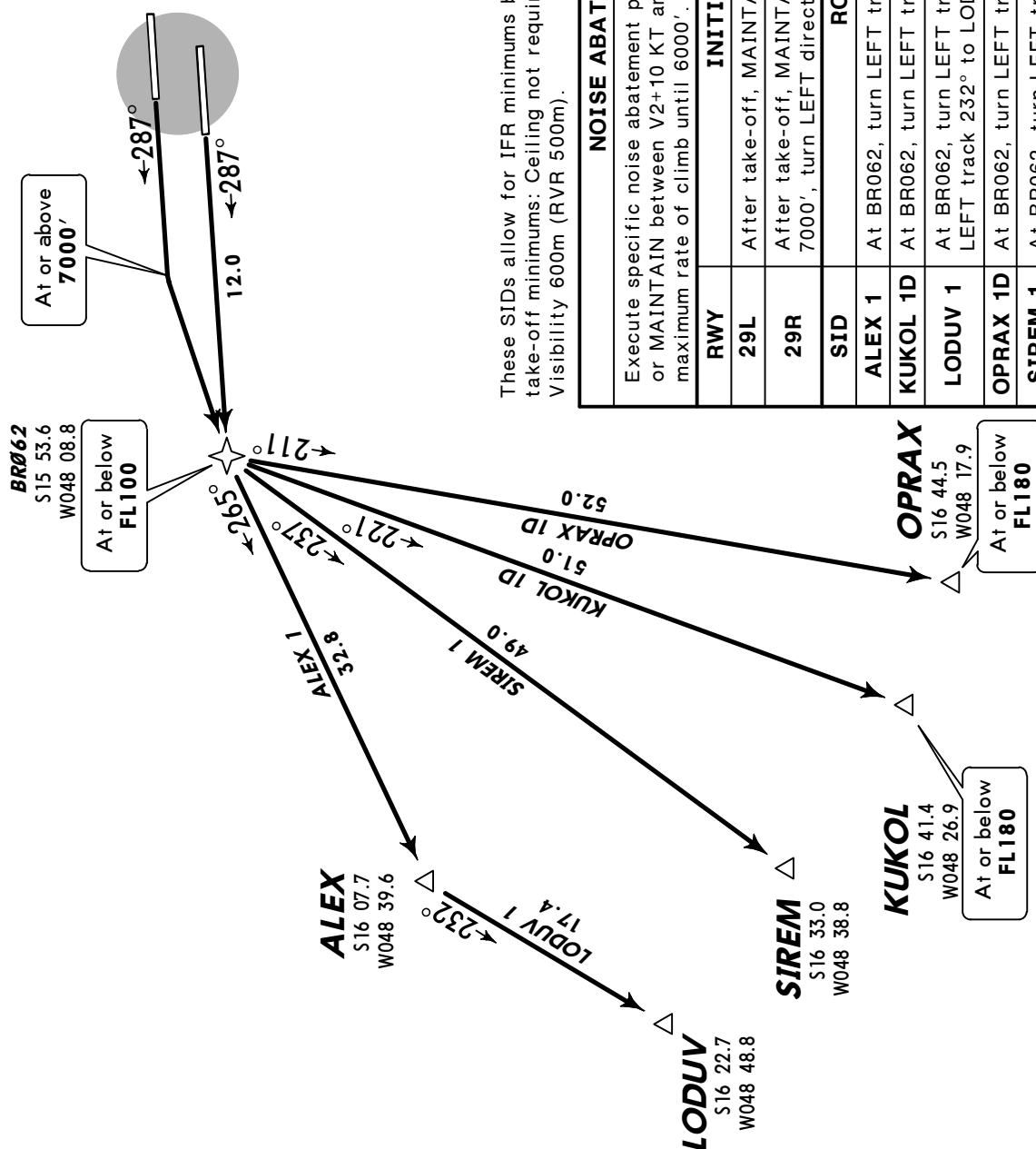
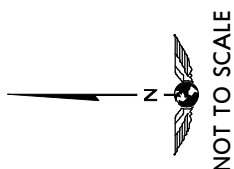
Apt Elev  
**3497'**

Trans level: By ATC Trans alt: 7000'

1. RNAV 1 or B-RNP 1.
2. Certified GNSS required.
3. RADAR required.



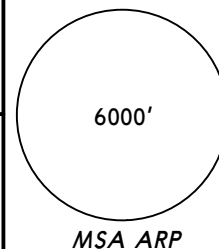
**ALEX 1 [ALEX1], KUKOL 1D [KUKO1D],  
 LODUV 1 [LODUV1], OPRAX 1D [OPRA1D],  
 SIREM 1 [SIREM1] RNAV DEPARTURES**  
 (RWYS 29L/R)



Apt Elev  
**3497'**

Trans level: By ATC Trans alt: 7000'

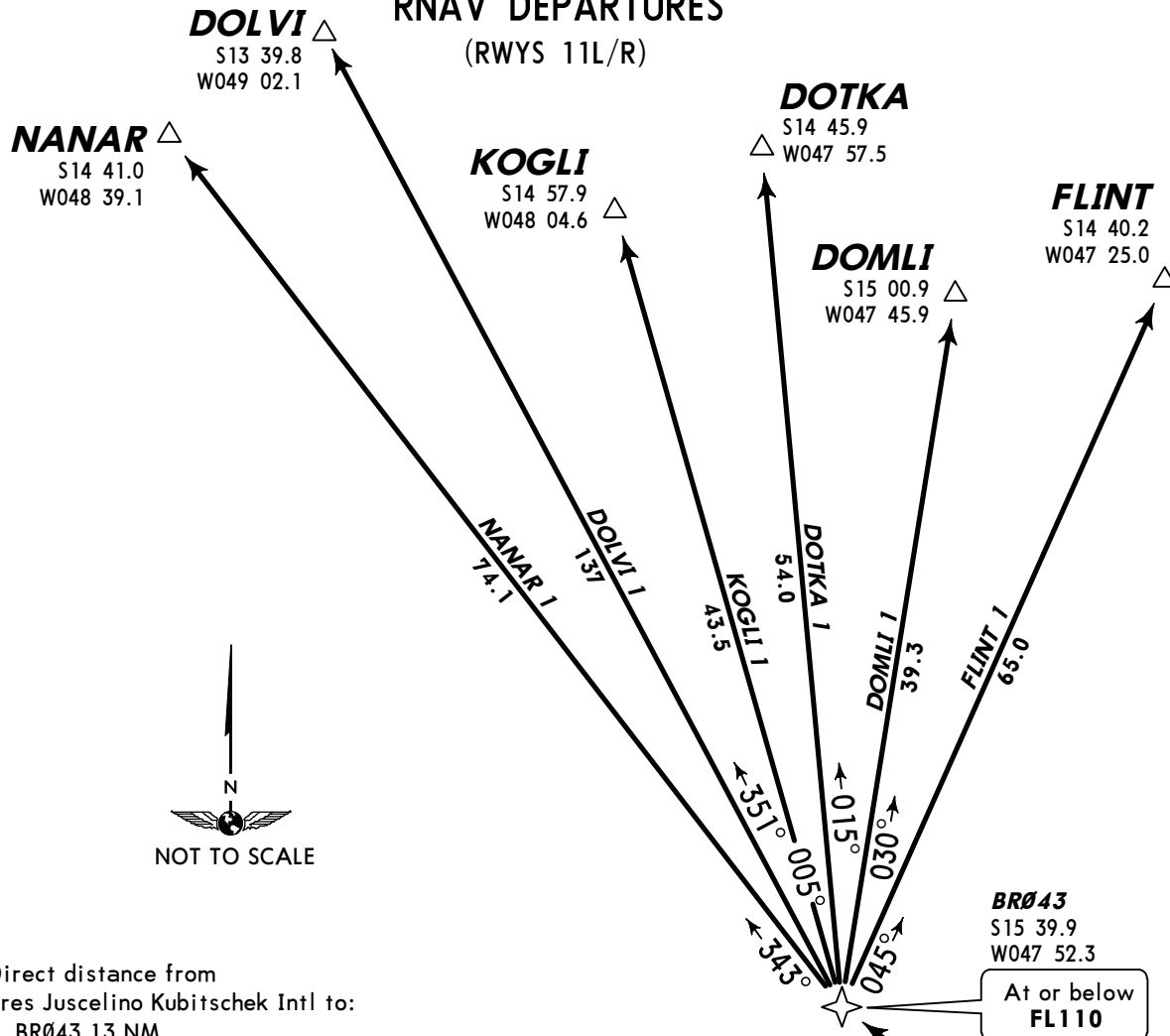
1. RNAV 1 or B-RNP 1.
2. Certified GNSS required.
3. RADAR required.



**DOLVI 1 [DOLVI1], DOMLI 1 [DOMLI1],  
 DOTKA 1 [DOTKA1], FLINT 1 [FLINT1],  
 KOGLI 1 [KOGLI1], NANAR 1 [NANAR1]**

**RNAV DEPARTURES**

(RWYS 11L/R)



Direct distance from  
 Pres Juscelino Kubitschek Intl to:  
 BR043 13 NM

These SIDs allow for IFR minimums below regular  
 take-off minimums: Ceiling not required,  
 Visibility 600m (RVR 500m).

These SIDs require a minimum climb gradient  
 of 5.0% to 6000', then 3.3%.

| Gnd speed-KT   | 75  | 100 | 150 | 200  | 250  | 300  |
|----------------|-----|-----|-----|------|------|------|
| 3.3% V/V (fpm) | 250 | 350 | 500 | 700  | 850  | 1000 |
| 5.0% V/V (fpm) | 400 | 500 | 750 | 1000 | 1250 | 1500 |

**NOISE ABATEMENT**

Execute specific noise abatement procedure of equipment or MAINTAIN between V2+10 KT  
 and V2+20 KT at the maximum rate of climb until 6000'.

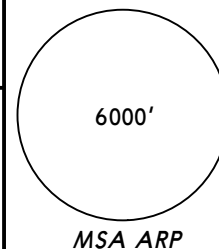
**INITIAL CLIMB**

After take-off, climb to 7000', then turn LEFT direct BR043.

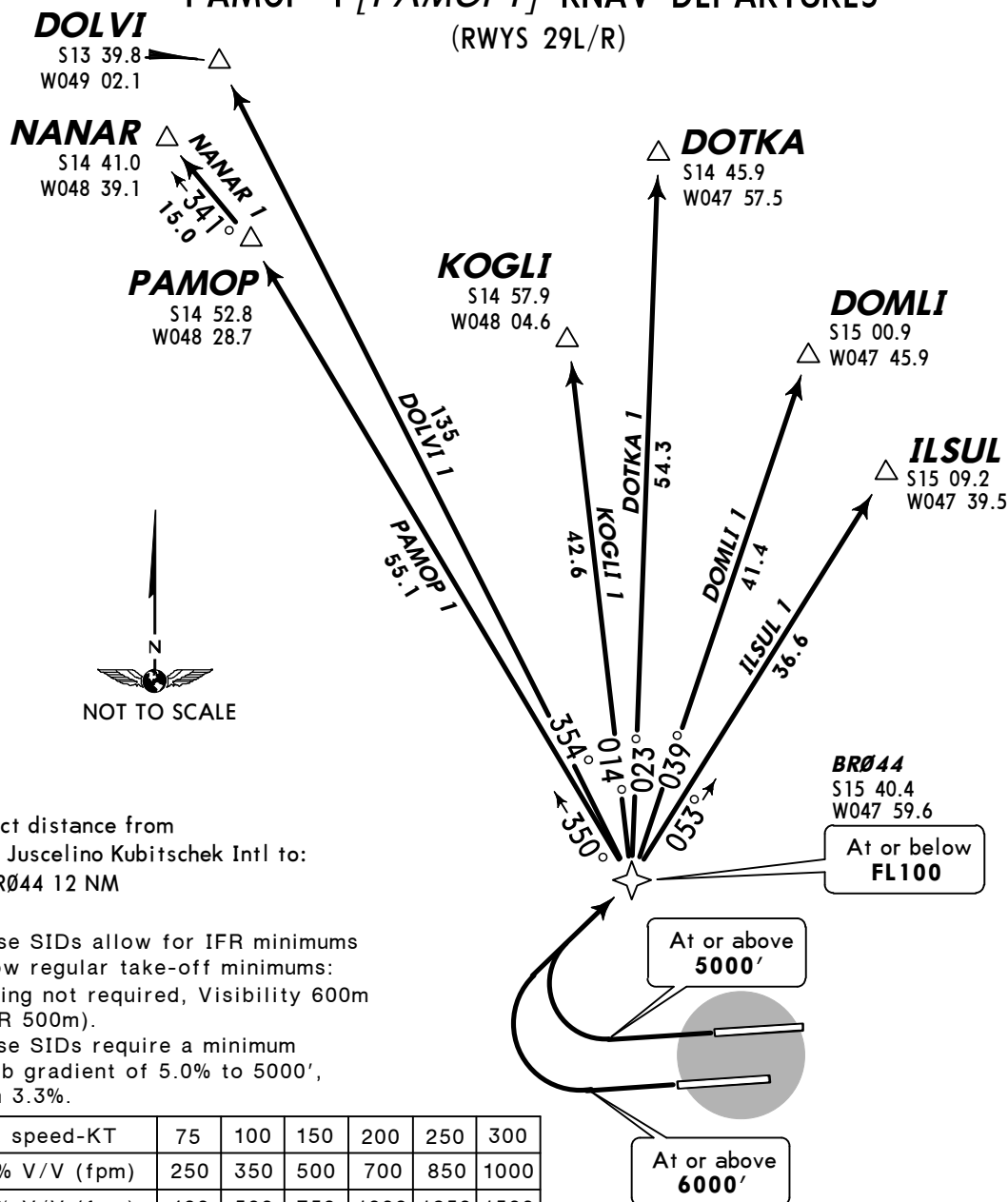
| SID            | ROUTING                                    |
|----------------|--------------------------------------------|
| <b>DOLVI 1</b> | At BR043, turn RIGHT, track 351° to DOLVI. |
| <b>DOMLI 1</b> | At BR043, turn RIGHT, track 030° to DOMLI. |
| <b>DOTKA 1</b> | At BR043, turn RIGHT, track 015° to DOTKA. |
| <b>FLINT 1</b> | At BR043, turn RIGHT, track 045° to FLINT. |
| <b>KOGLI 1</b> | At BR043, turn RIGHT, track 005° to KOGLI. |
| <b>NANAR 1</b> | At BR043, turn RIGHT, track 343° to NANAR. |

Apt Elev  
**3497'**

Trans level: By ATC Trans alt: 7000'  
**1. Certified GNSS required. 2. RNAV 1 or B-RNP 1.**  
**3. RADAR required.**



**DOLVI 1 [DOLVI1], DOMLI 1 [DOMLI1],  
DOTKA 1 [DOTKA1], ILSUL 1 [ILSUL1],  
KOGLI 1 [KOGLI1], NANAR 1 [NANAR1],  
PAMOP 1 [PAMOP1] RNAV DEPARTURES**  
(RWYS 29L/R)



#### NOISE ABATEMENT

Execute specific noise abatement procedure of equipment or MAINTAIN between V2+10 KT and V2+20 KT at the maximum rate of climb until 6000'.

**RWY**

#### INITIAL CLIMB

**29L** After take-off, climb to 6000', then turn RIGHT direct BR044.

**29R** After take-off, climb to 5000', then turn RIGHT direct BR044.

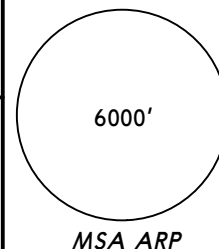
**SID**

#### ROUTING

|                |                                                                         |
|----------------|-------------------------------------------------------------------------|
| <b>DOLVI 1</b> | At BR044, turn LEFT track 354° to DOLVI.                                |
| <b>DOMLI 1</b> | At BR044, turn LEFT track 039° to DOMLI.                                |
| <b>DOTKA 1</b> | At BR044, turn LEFT track 023° to DOTKA.                                |
| <b>ILSUL 1</b> | At BR044, turn LEFT track 053° to ILSUL.                                |
| <b>KOGLI 1</b> | At BR044, turn LEFT track 014° to KOGLI.                                |
| <b>NANAR 1</b> | At BR044, turn LEFT track 350° to PAMOP, turn LEFT track 341° to NANAR. |
| <b>PAMOP 1</b> | At BR044, turn LEFT track 350° to PAMOP.                                |

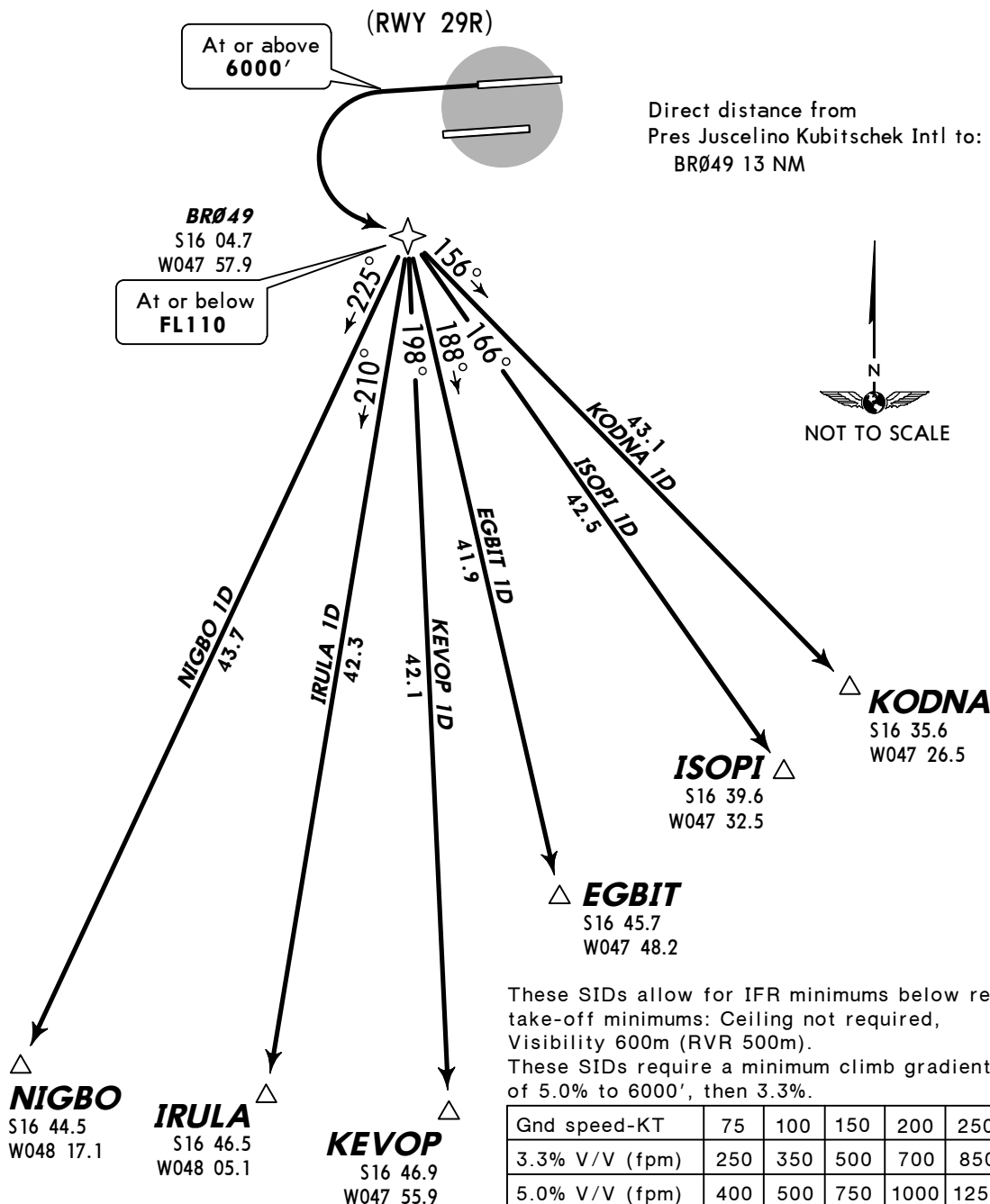
Apt Elev  
**3497'**

Trans level: By ATC Trans alt: 7000'  
 1. RNAV 1 or B-RNP 1.  
 2. Certified GNSS required.



**EGBIT 1D [EGBI1D], IRULA 1D [IRUL1D],  
 ISOPI 1D [ISOP1D], KEVOP 1D [KEVO1D],  
 KODNA 1D [KODN1D], NIGBO 1D [NIGB1D]**

**RNAV DEPARTURES**



**NOISE ABATEMENT**

Execute specific noise abatement procedure of equipment or MAINTAIN between V2+10 KT and V2+20 KT at the maximum rate of climb until 6000'.

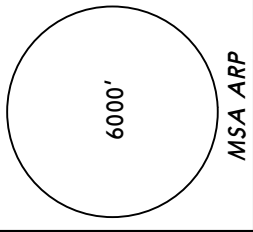
**INITIAL CLIMB**

After take-off, climb to 6000', then turn LEFT direct BR049.

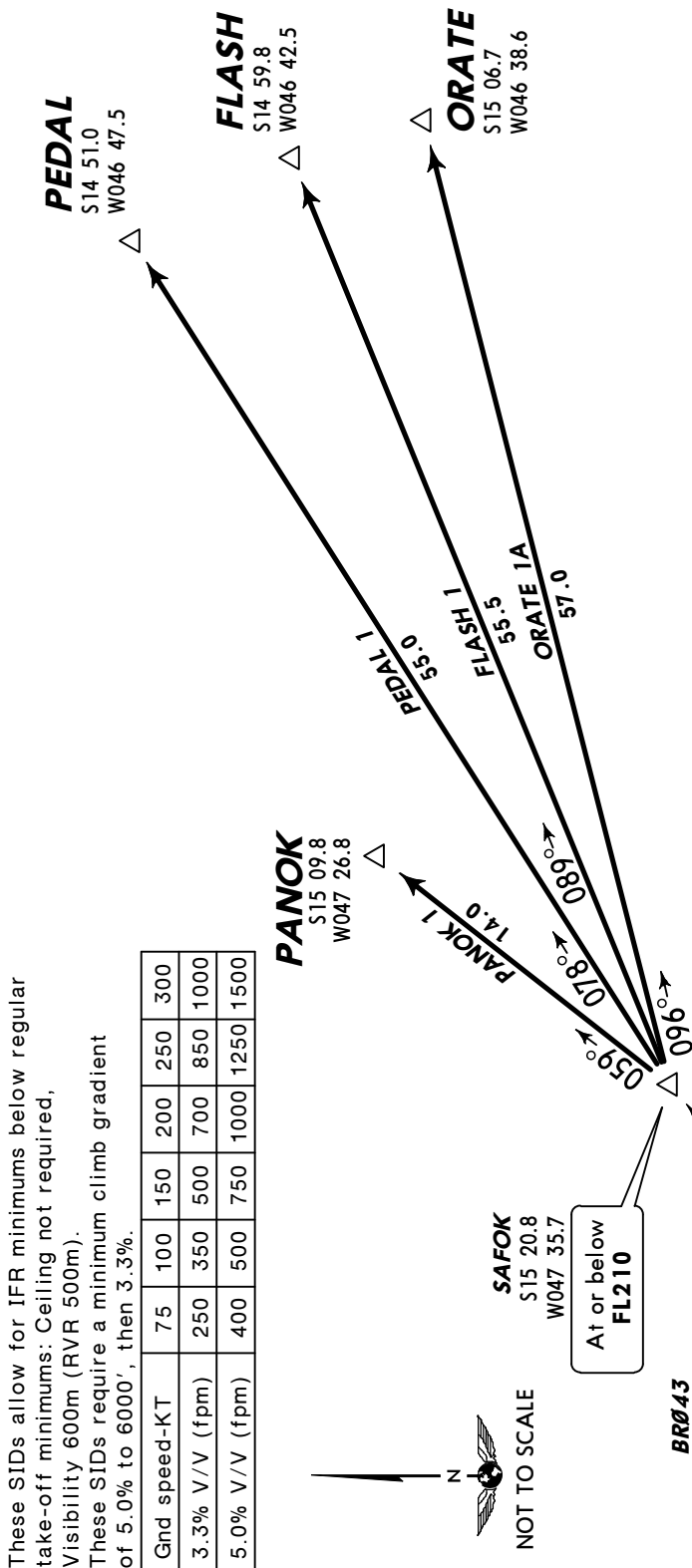
| SID             | ROUTING                                   |
|-----------------|-------------------------------------------|
| <b>EGBIT 1D</b> | At BR049, turn RIGHT track 188° to EGBIT. |
| <b>IRULA 1D</b> | At BR049, turn RIGHT track 210° to IRULA. |
| <b>ISOPI 1D</b> | At BR049, turn RIGHT track 166° to ISOPI. |
| <b>KEVOP 1D</b> | At BR049, turn RIGHT track 198° to KEVOP. |
| <b>KODNA 1D</b> | At BR049, turn RIGHT track 156° to KODNA. |
| <b>NIGBO 1D</b> | At BR049, turn RIGHT track 225° to NIGBO. |

**Apt Elev**  
**3497'**

Trans level: By ATC Trans alt: 7000'  
 1. RNAV 1 or B-RNP 1.  
 2. Certified GNSS required.  
 3. RADAR required.



**FLASH 1 [FLASH1],  
 ORATE 1A [ORAT1A],  
 PANOK 1 [PANOK1],  
 PEDAL 1 [PEDAL1]  
 RNAV DEPARTURES**  
 (RWYS 11L/R)



**NOISE ABATEMENT**

Execute specific noise abatement procedure of equipment or MAINTAIN between V2+10 KT and V2+20 KT at the maximum rate of climb until 6000'.

**INITIAL CLIMB**

After take-off, climb to 7000', turn LEFT direct BR043. Turn RIGHT, track 061° to SAFOK.

**ROUTING**

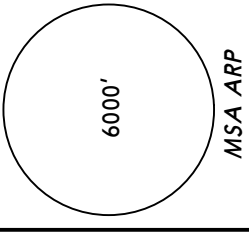
| SID             |                                           |
|-----------------|-------------------------------------------|
| <b>FLASH 1</b>  | At SAFOK, turn RIGHT track 089° to FLASH. |
| <b>ORATE 1A</b> | At SAFOK, turn RIGHT track 096° to ORATE. |
| <b>PANOK 1</b>  | At SAFOK, turn LEFT track 059° to PANOK.  |
| <b>PEDAL 1</b>  | At SAFOK, turn RIGHT track 078° to PEDAL. |

|                |                                           |
|----------------|-------------------------------------------|
| <b>PEDAL 1</b> | At SAFOK, turn RIGHT track 078° to PEDAL. |
|----------------|-------------------------------------------|

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**Apt Elev**  
**3497'**

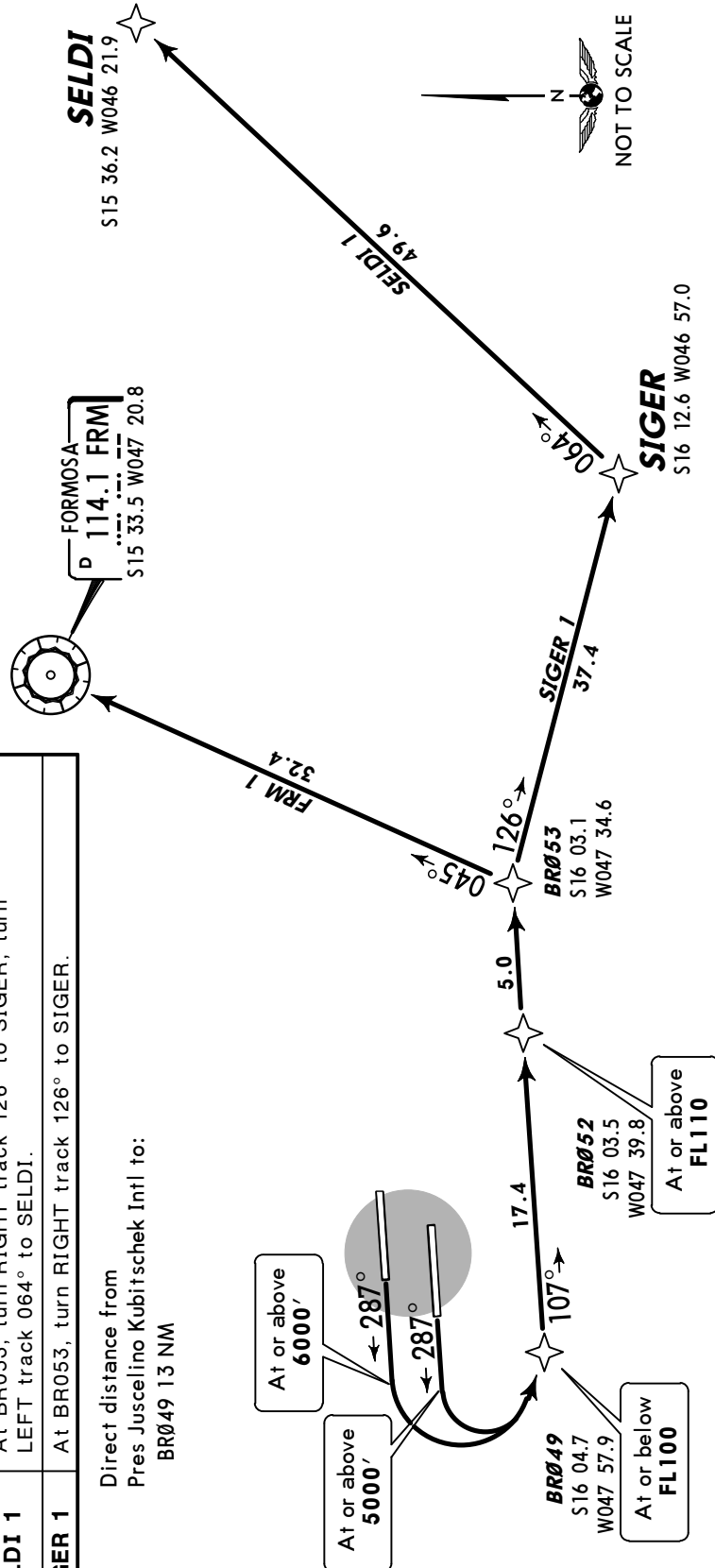
Trans level: By ATC Trans alt: 7000'  
**1. RNAV 1 or B-RNP 1.**  
**2. Certified GNSS required.**  
**3. RADAR required.**



**FRM 1 [FRM1], SELDI 1 [SELDI1],**  
**SIGER 1 [SIGER1] RNAV DEPARTURES**  
 (RWYS 29L/R)

These SIDs allow for IFR minimums below regular take-off minimums: Ceiling not required, Visibility 600m (RVR 500m).  
 These SIDs require a minimum climb gradient of 5.0% to 6000', then 3.3%.

| Gnd speed-KT   | 75  | 100 | 150 | 200  | 250  | 300  |
|----------------|-----|-----|-----|------|------|------|
| 3.3% V/V (fpm) | 250 | 350 | 500 | 700  | 850  | 1000 |
| 5.0% V/V (fpm) | 400 | 500 | 750 | 1000 | 1250 | 1500 |



**NOISE ABATEMENT**

Execute specific noise abatement procedure of equipment or MAINTAIN between V2+10 KT and V2+20 KT at the maximum rate of climb until 6000'.

**INITIAL CLIMB**

**29L** After take-off, MAINTAIN 287° course, climb to 5000', turn LEFT direct BR049, then turn LEFT track 107° to BR052. MAINTAIN 107° track to BR053.

**29R** After take-off, MAINTAIN 287° course, climb to 6000', turn LEFT direct BR049, then turn LEFT track 107° to BR052. MAINTAIN 107° track to BR053.

**ROUTING**

**SID**  
**FRM 1** At BR053, turn LEFT track 045° to FRM.

**SELDI 1** At BR053, turn RIGHT track 126° to SIGER, turn LEFT track 064° to SELDI.

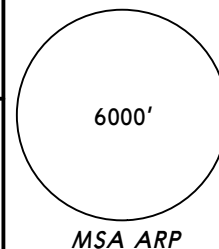
**SIGER 1** At BR053, turn RIGHT track 126° to SIGER.

Direct distance from  
 Pres Juscelino Kubitschek Intl to:  
 BR049 13 NM

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Apt Elev  
**3497'**

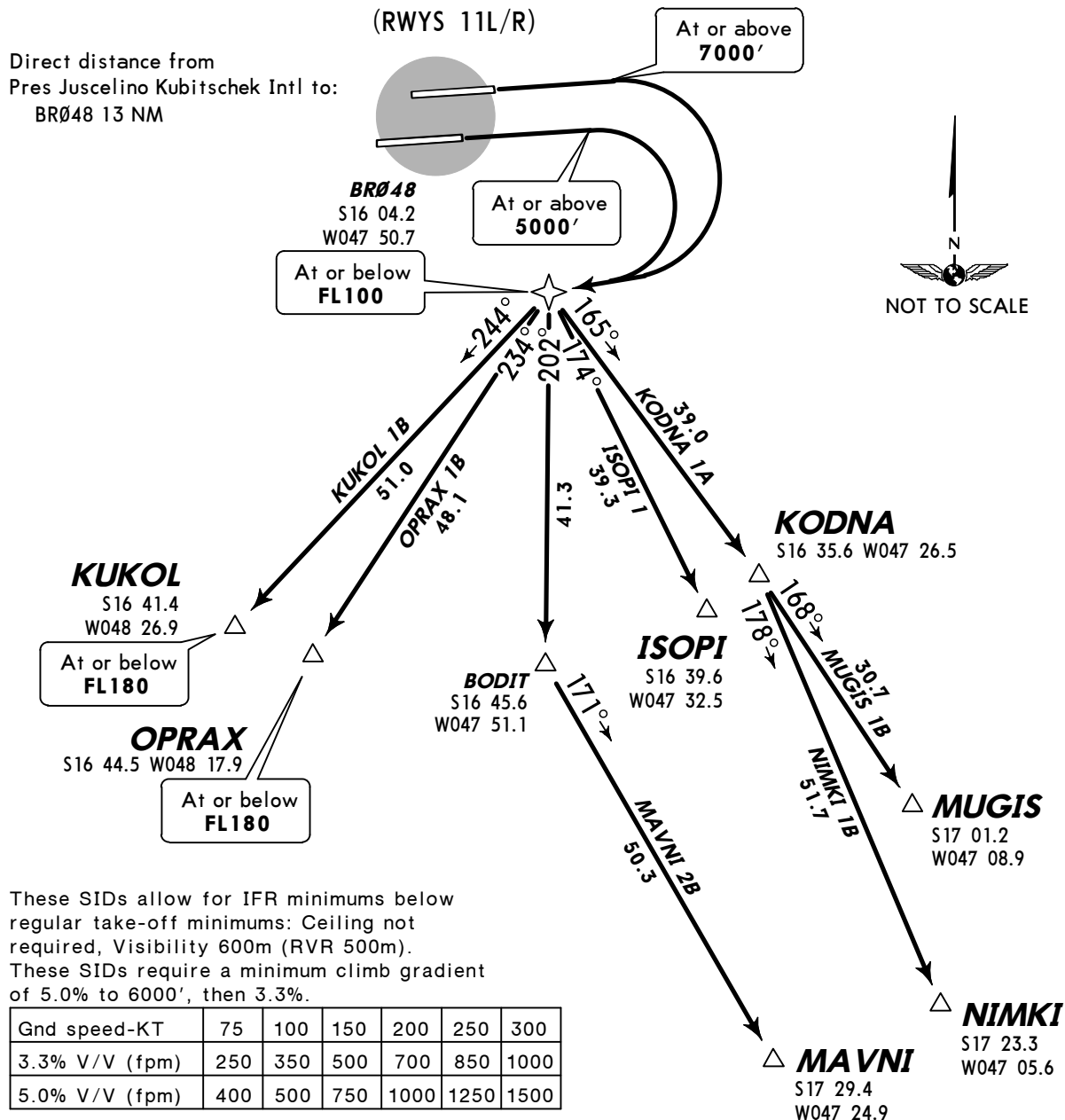
Trans level: By ATC Trans alt: 7000'  
**1. Certified GNSS required. 2. RNAV 1 or B-RNP 1.**  
**3. RADAR required.**



**ISOPI 1 [ISOP11], KODNA 1A [KODN1A],  
KUKOL 1B [KUKO1B], MAVNI 2B [MAVN2B],  
MUGIS 1B [MUGI1B], NIMKI 1B [NIMK1B],  
OPRAX 1B [OPRA1B] RNAV DEPARTURES**

(RWYS 11L/R)

Direct distance from  
Pres Juscelino Kubitschek Intl to:  
BR048 13 NM



**NOISE ABATEMENT**

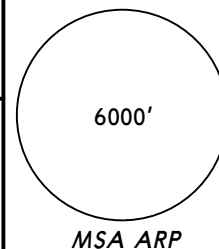
Execute specific noise abatement procedure of equipment or MAINTAIN between V2+10 KT and V2+20 KT at the maximum rate of climb until 6000'.

| RWY | INITIAL CLIMB                                            |
|-----|----------------------------------------------------------|
| 11L | After take-off, climb to 7000', turn RIGHT direct BR048. |
| 11R | After take-off, climb to 5000', turn RIGHT direct BR048. |

| SID      | ROUTING                                                                  |
|----------|--------------------------------------------------------------------------|
| ISOPI 1  | At BR048, turn LEFT track 174° to ISOPI.                                 |
| KODNA 1A | At BR048, turn LEFT track 165° to KODNA.                                 |
| KUKOL 1B | At BR048, turn LEFT track 244° to KUKOL.                                 |
| MAVNI 2B | At BR048, turn LEFT track 202° to BODIT, turn LEFT track 171° to MAVNI.  |
| MUGIS 1B | At BR048, turn LEFT track 165° to KODNA, turn RIGHT track 168° to MUGIS. |
| NIMKI 1B | At BR048, turn LEFT track 165° to KODNA, turn RIGHT track 178° to NIMKI. |
| OPRAX 1B | At BR048, turn LEFT track 234° to OPRAX.                                 |

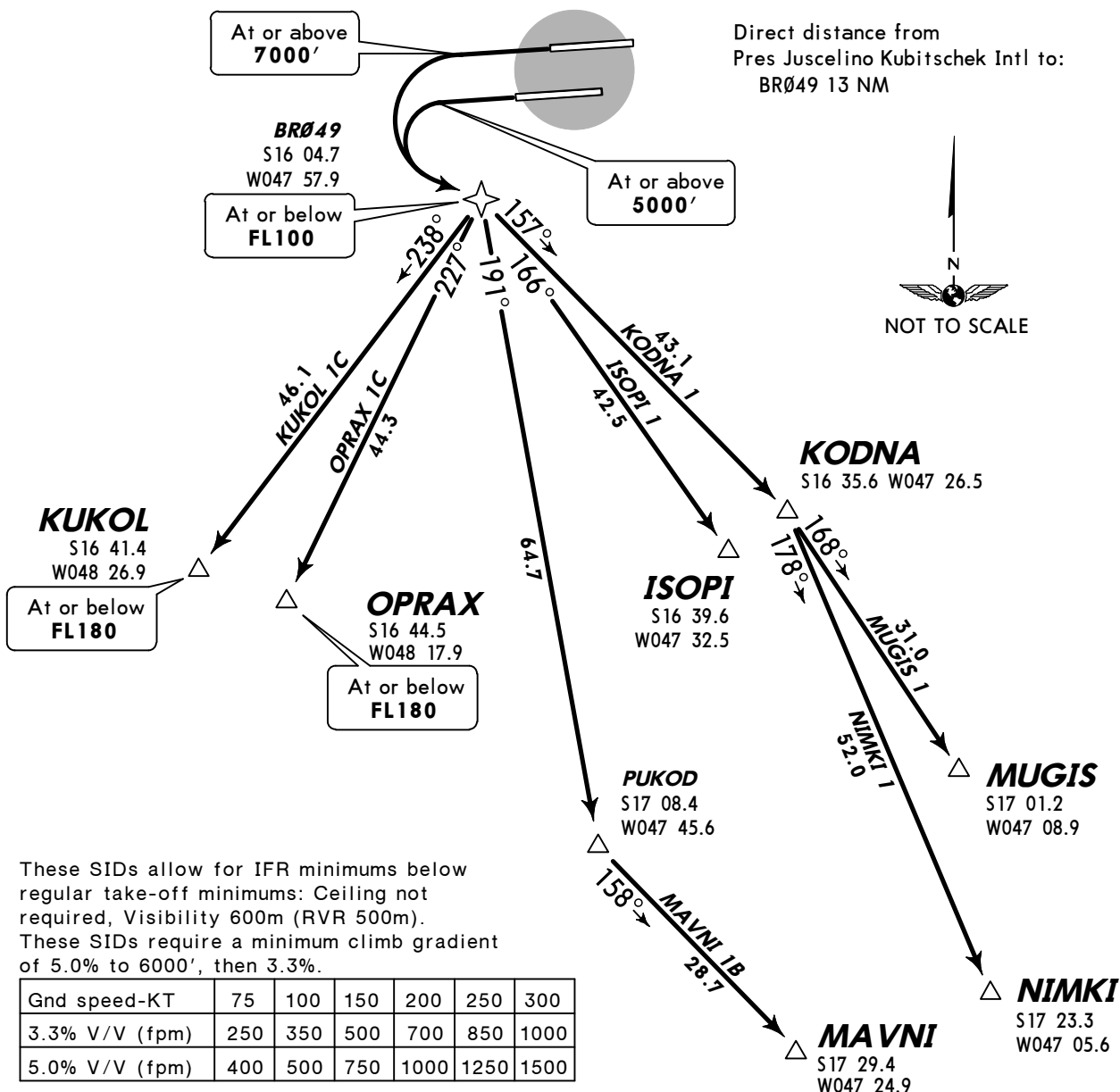
**Apt Elev**  
**3497'**

Trans level: By ATC Trans alt: 7000'  
**1. Certified GNSS required. 2. RNAV 1 or B-RNP 1.**  
**3. RADAR required.**



**ISOPI 1 [ISOPI1], KODNA 1 [KODNA1],**  
**KUKOL 1C [KUKO1C], MAVNI 1B [MAVN1B],**  
**MUGIS 1 [MUGIS1], NIMKI 1 [NIMKI1],**  
**OPRAX 1C [OPRA1C] RNAV DEPARTURES**

(RWYS 29L/R)



**NOISE ABATEMENT**

Execute specific noise abatement procedure of equipment or MAINTAIN between V2+10 KT and V2+20 KT at the maximum rate of climb until 6000'.

| RWY | INITIAL CLIMB                                           |
|-----|---------------------------------------------------------|
| 29L | After take-off, climb to 5000', turn LEFT direct BR049. |
| 29R | After take-off, climb to 7000', turn LEFT direct BR049. |

| SID      | ROUTING                                                                   |
|----------|---------------------------------------------------------------------------|
| ISOPI 1  | At BR049, turn RIGHT track 166° to ISOPI.                                 |
| KODNA 1  | At BR049, turn RIGHT track 157° to KODNA.                                 |
| KUKOL 1C | At BR049, turn RIGHT track 238° to KUKOL.                                 |
| MAVNI 1B | At BR049, turn RIGHT track 191° to PUKOD, turn LEFT track 158° to MAVNI.  |
| MUGIS 1  | At BR049, turn RIGHT track 157° to KODNA. Turn RIGHT track 168° to MUGIS. |
| NIMKI 1  | At BR049, turn RIGHT track 157° to KODNA. Turn RIGHT track 178° to NIMKI. |
| OPRAX 1C | At BR049, turn RIGHT track 227° to OPRAX.                                 |



6000'

MSA ARP

(RWY 11R)

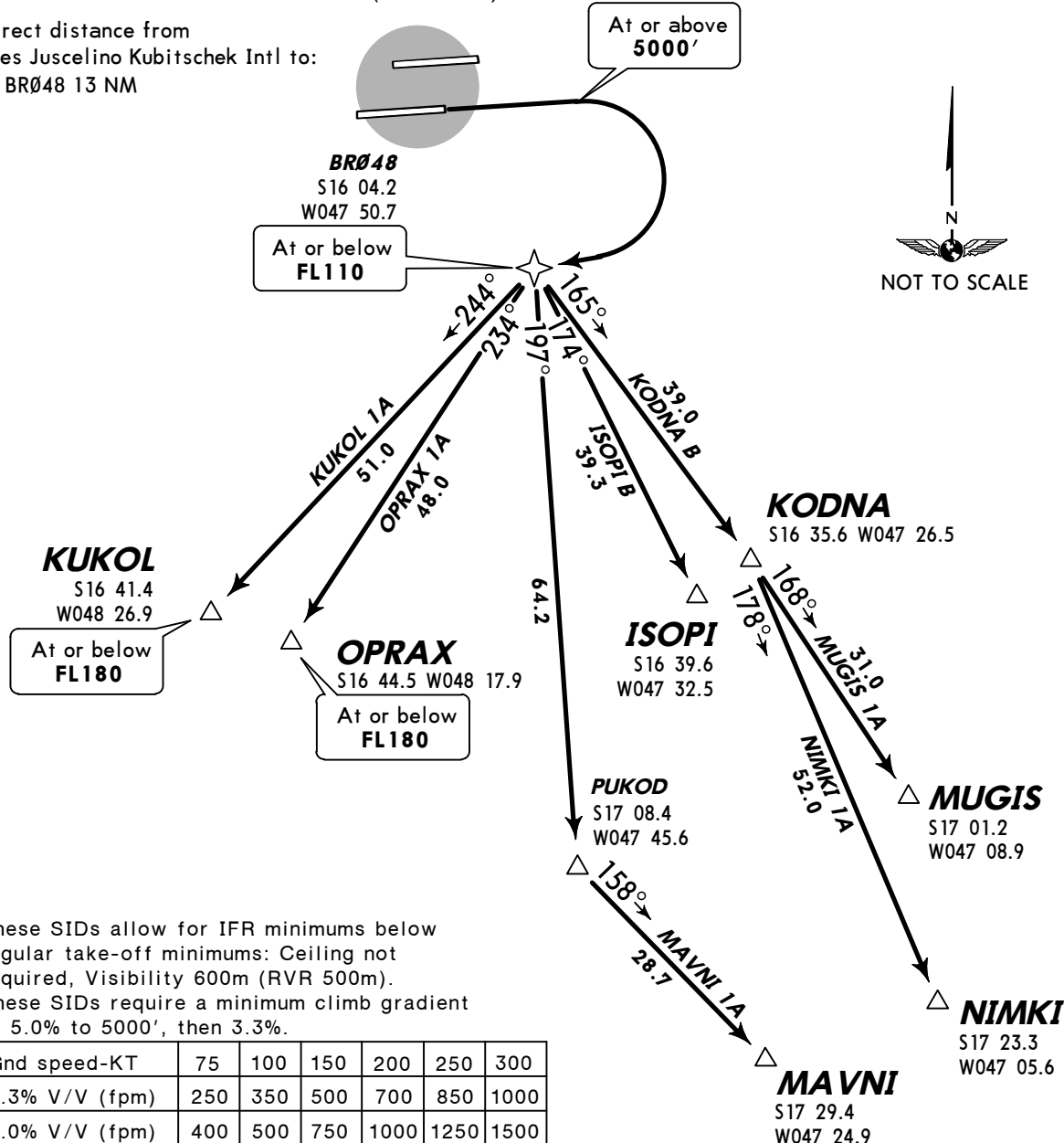
Int'l to:

**BRØ48**  
S16 04.2  
W047 50.7

At or above  
**5000'**

At or below  
**FL110**

Diagram description: A vertical profile is shown with a shaded area. A line connects the shaded area to a star symbol. A callout box points to the star symbol with the text 'At or below FL110'. Another callout box points to the shaded area with the text 'At or above 5000''.



These SIDs allow for IFR minimums below regular take-off minimums: Ceiling not required, Visibility 600m (RVR 500m). These SIDs require a minimum climb gradient of 5.0% to 5000', then 3.3%.

|                |     |     |     |      |      |      |
|----------------|-----|-----|-----|------|------|------|
| Gnd speed-KT   | 75  | 100 | 150 | 200  | 250  | 300  |
| 3.3% V/V (fpm) | 250 | 350 | 500 | 700  | 850  | 1000 |
| 5.0% V/V (fpm) | 400 | 500 | 750 | 1000 | 1250 | 1500 |

Execute specific noise abatement procedure of equipment or MAINTAIN between V2+10 KT and V2+20 KT at the maximum rate of climb until 6000'.

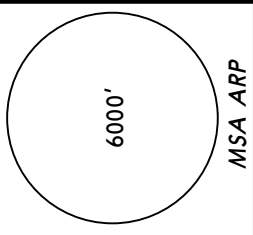
After take-off, climb to 5000', turn RIGHT direct BR048.

At BR063, turn RIGHT track 320° to KOGDI, turn RIGHT track 341° to PAPES.

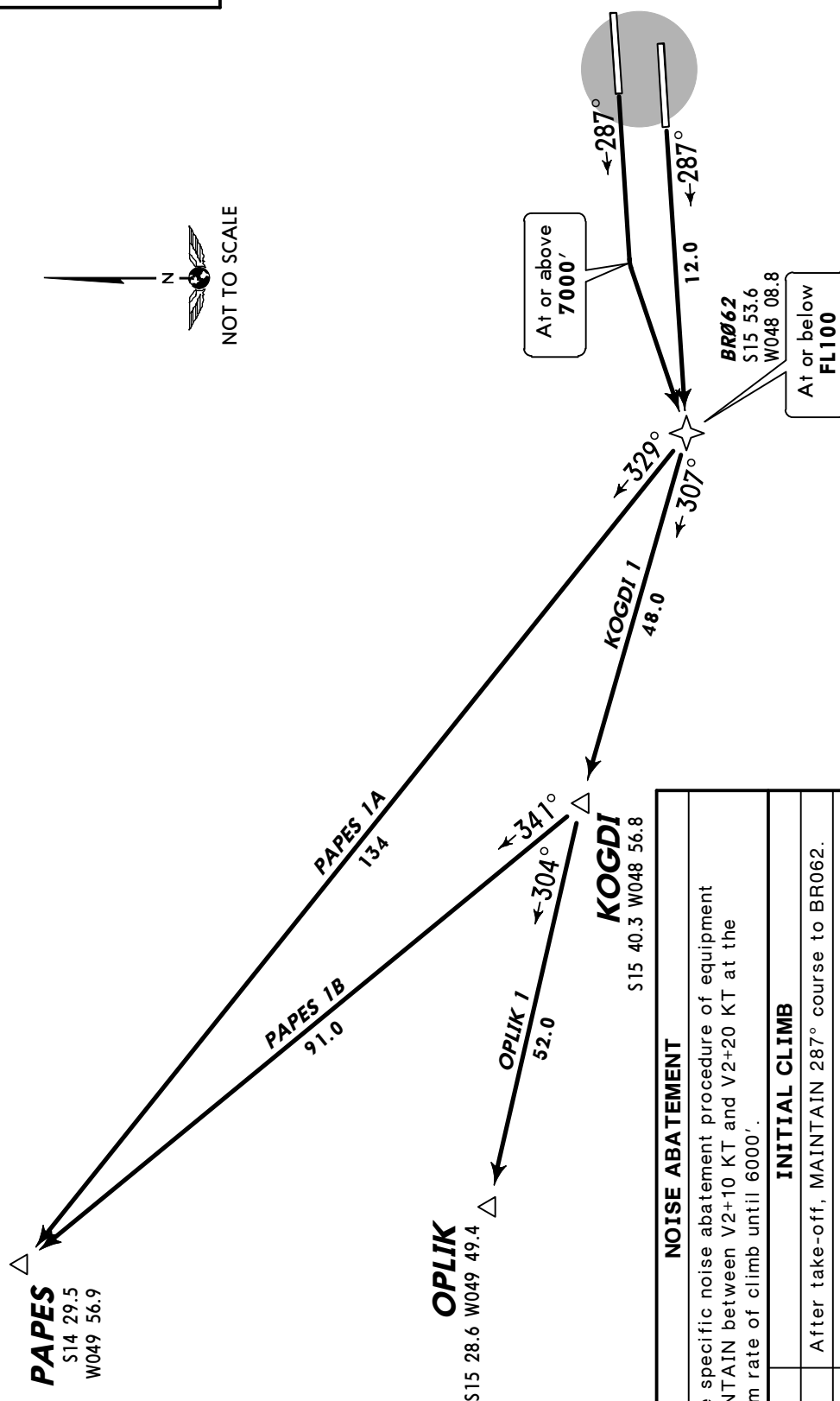
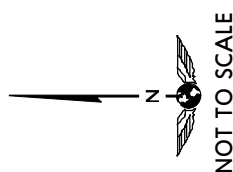
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**Apt Elev**  
**3497'**

Trans level: By ATC Trans alt: 7000'  
**1. RNAV 1 or B-RNP 1.**  
**2. Certified GNSS required.**  
**3. RADAR required.**



**KOGDI 1 [KOGDI1], OPLIK 1 [OPLIK1],**  
**PAPES 1A [PAPE1A], PAPES 1B [PAPE1B]**  
**RNAV DEPARTURES**  
 (RWYS 29L/R)



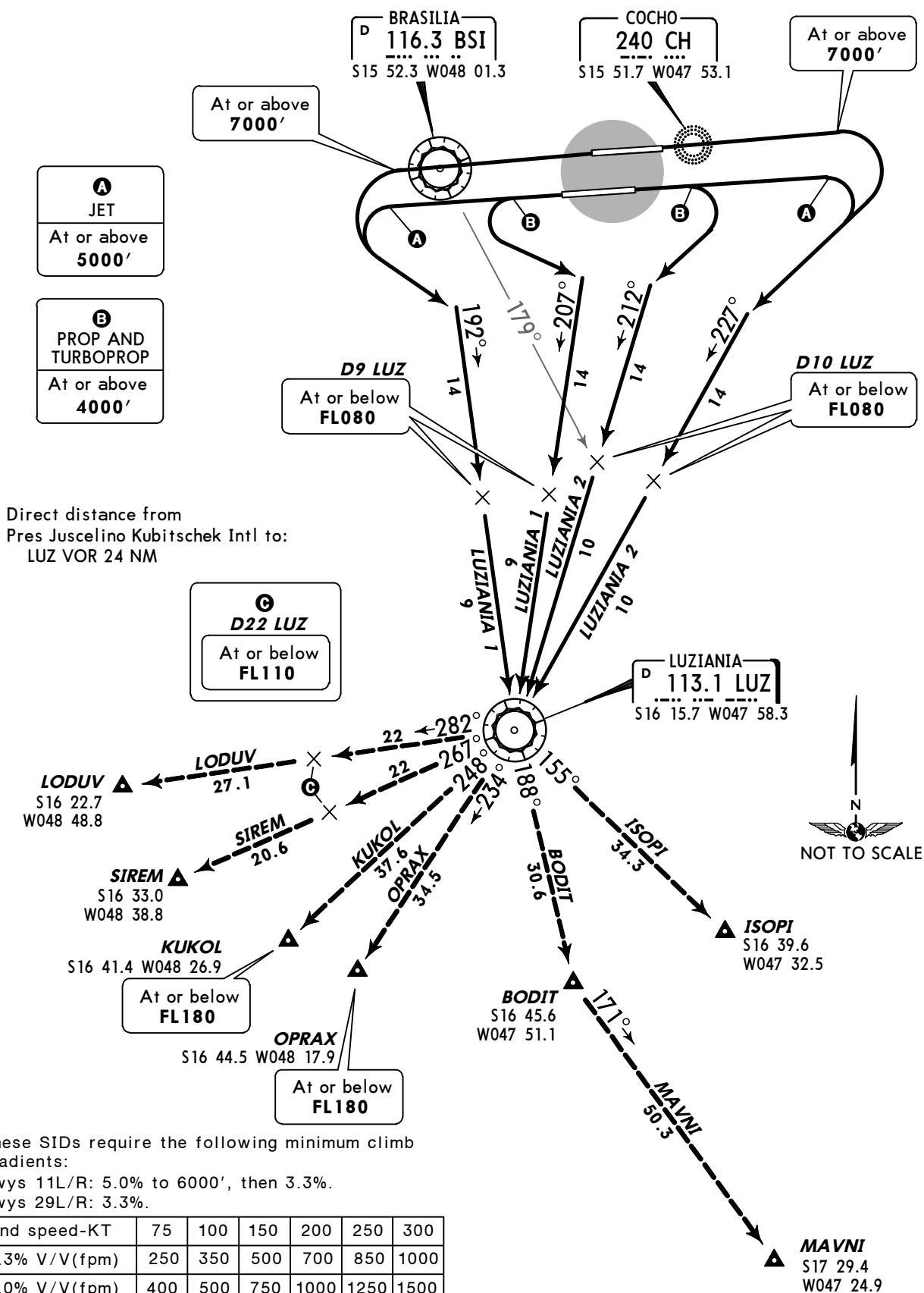
These SIDs allow for IFR minimums below regular take-off minimums: Ceiling not required, Visibility 600m (RVR 500m).

| NOISE ABATEMENT                                                                                                                             |                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| Execute specific noise abatement procedure of equipment or MAINTAIN between V2+10 KT and V2+20 KT at the maximum rate of climb until 6000'. |                                                                                |
| RWY                                                                                                                                         | INITIAL CLIMB                                                                  |
| 29L                                                                                                                                         | After take-off, MAINTAIN 287° course to BR062.                                 |
| 29R                                                                                                                                         | After take-off, MAINTAIN 287° course up to 7000', turn LEFT direct to BR062.   |
| SID                                                                                                                                         | ROUTING                                                                        |
| KOGDI 1                                                                                                                                     | At BR062, turn RIGHT track 307° to KOGDI.                                      |
| OPLIK 1                                                                                                                                     | At BR062, turn RIGHT track 307° to KOGDI, turn LEFT track 304° to OPLIK.       |
| PAPES 1A                                                                                                                                    | At BR062, turn RIGHT track 329° to PAPES.                                      |
| PAPES 1B                                                                                                                                    | At BR062, turn RIGHT track 307° to KOGDI, then turn RIGHT track 341° to PAPES. |

Apt Elev  
**3497'**

Trans level: By ATC Trans alt: 7000'

## LUZIANIA 1 [LUZ1], LUZIANIA 2 [LUZ2] DEPARTURES



### 24 HR NOISE ABATEMENT PROCEDURE-JET AIRCRAFT

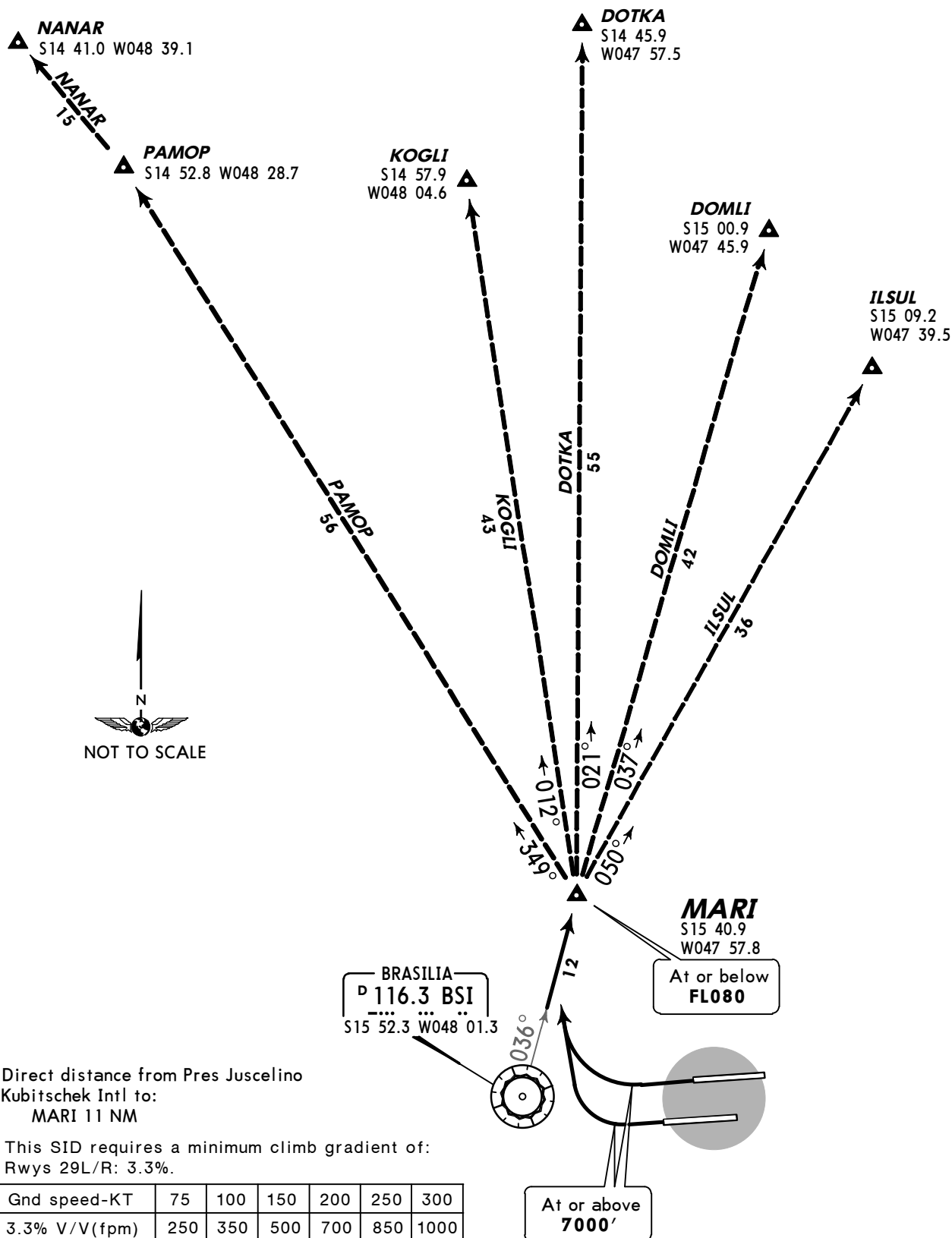
Jet aircraft execute the specific noise abatement procedure of equipment or MAINTAIN between V2+10 KT and V2+20 KT at the maximum possible rate of climb until passing 5000'.

Apt Elev  
**3497'**

Trans level: By ATC Trans alt: 7000'

# MARI 1 DEPARTURE

[MARI1]



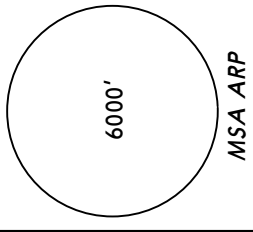
## 24 HR NOISE ABATEMENT PROCEDURE-JET AIRCRAFT

Jet aircraft execute the specific noise abatement procedure of equipment or MAINTAIN between V2+10 KT and V2+20 KT at the maximum possible rate of climb until passing 5000'.  
 Runways 29L/R: Initiate RIGHT turn after passing 7000'.



**Apt Elev**  
**3497'**

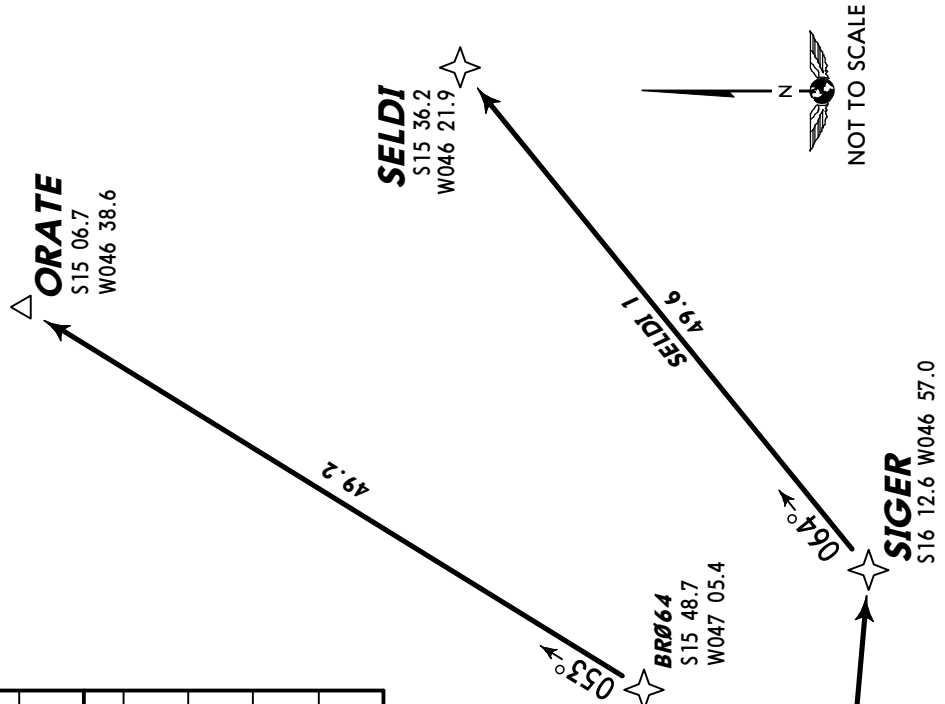
Trans level: By ATC Trans alt: 7000'  
**1. RNAV 1 or B-RNP 1.**  
**2. Certified GNSS required.**  
**3. RADAR required.**



**ORATE 1B [ORAT1B], ORATE 1C [ORAT1C],  
 SELDI 1 [SELDI1], SIGER 1 [SIGER1]  
 RNAV DEPARTURES  
 (RWYS 11L/R)**

These SIDs allow for IFR minimums below  
 regular take-off minimums: Ceiling not required,  
 Visibility 600m (RVR 500m).  
 These SIDs require a minimum climb gradient  
 of 5.0% to 6000', then 3.3%.

| Gnd speed-KT   | 75  | 100 | 150 | 200  | 250  | 300  |
|----------------|-----|-----|-----|------|------|------|
| 3.3% V/V (fpm) | 250 | 350 | 500 | 700  | 850  | 1000 |
| 5.0% V/V (fpm) | 400 | 500 | 750 | 1000 | 1250 | 1500 |



**NOISE ABATEMENT**

Execute specific noise abatement procedure of equipment or MAINTAIN  
 between V2+10 KT and V2+20 KT at the maximum rate of climb until 6000'.

**INITIAL CLIMB RWY 11L**

**ORATE 1B** After take-off, MAINTAIN 107° course to BR061, MAINTAIN 107°  
 track to BR064, turn LEFT track 053° to ORATE.

**ORATE 1C** After take-off, climb to 6000', turn RIGHT direct to IREBO, turn  
 LEFT track 090° to BR064, turn LEFT track 053° to ORATE.

**SELDI 1** After take-off, climb to 6000', turn RIGHT direct to IREBO, turn  
 LEFT track 134° to SIGER, turn LEFT track 064° to SELDI.

**SIGER 1** After take-off, climb to 6000', turn RIGHT direct to IREBO, turn  
 LEFT track 134° to SIGER.

**INITIAL CLIMB RWY 11R**

**ORATE 1B** After take-off, climb to 5000', turn LEFT direct to BR061,  
 MAINTAIN 107° track to BR064, turn LEFT track 053° to ORATE.

**ORATE 1C** After take-off, climb to 5000', turn RIGHT direct to IREBO, turn  
 LEFT track 090° to BR064, turn LEFT track 053° to ORATE.

**SELDI 1** After take-off, climb to 5000', turn RIGHT direct to IREBO, turn  
 LEFT track 134° to SIGER, turn LEFT track 064° to SELDI.

**SIGER 1** After take-off, climb to 5000', turn RIGHT direct to IREBO, turn  
 LEFT track 134° to SIGER.

Direct distance from  
 Pres Juscelino  
 Kubitschke Intl to:  
 IREBO 24 NM

**BR061**  
 S15 50.9  
 W047 41.4  
 At or below  
**FL110**

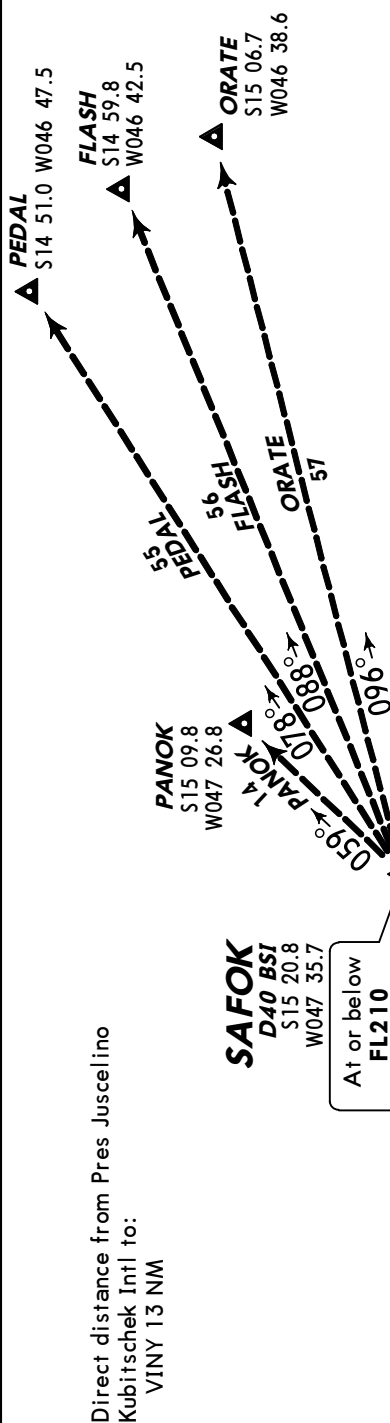
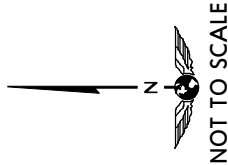
**TURN RIGHT**  
 At or above  
**6000'**

**TURN**  
 At or above  
**5000'**

Apt Elev  
3497'

Trans level: By ATC Trans alt: 7000'

# SAFOK 1 DEPARTURE [SAFOK1]



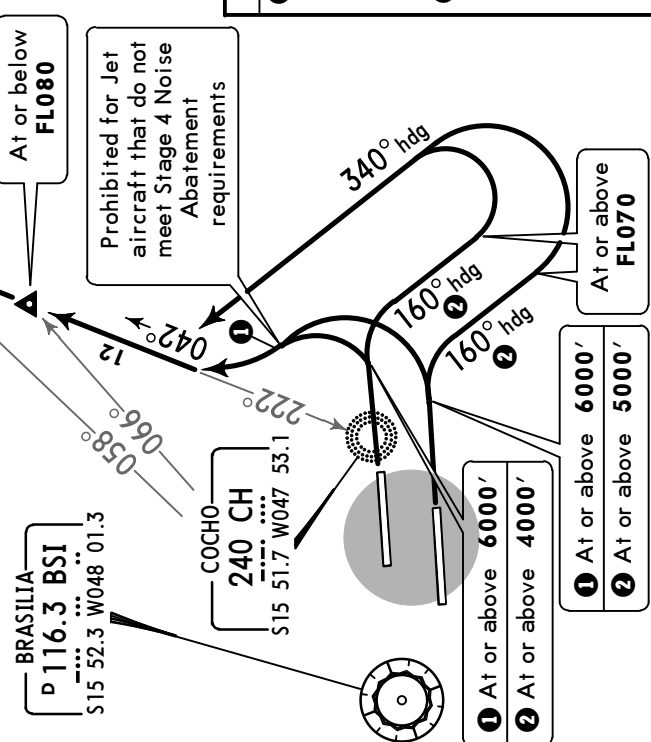
This SID requires minimum climb gradients of:  
Rwys 11L/R: 5.0% to 6000', then 3.3%.

| Gnd speed-KT   | 75  | 100 | 150 | 200  | 250  | 300  |
|----------------|-----|-----|-----|------|------|------|
| 3.3% V/V (fpm) | 250 | 350 | 500 | 700  | 850  | 1000 |
| 5.0% V/V (fpm) | 400 | 500 | 750 | 1000 | 1250 | 1500 |

## 24 HR NOISE ABATEMENT PROCEDURE-JET AIRCRAFT

1 Noise Abatement procedure for jet aircraft that comply with Stage 4 Noise Abatement requirements of the Civil Aviation Regulations: MAINTAIN heading 107° until passing 6000'. Execute specific noise abatement procedure of equipment or MAINTAIN between V2+10 KT and V2+20 KT at the maximum possible rate of climb until passing 6000', then turn LEFT to intercept the 042° bearing from CH and proceed according to authorized departure.

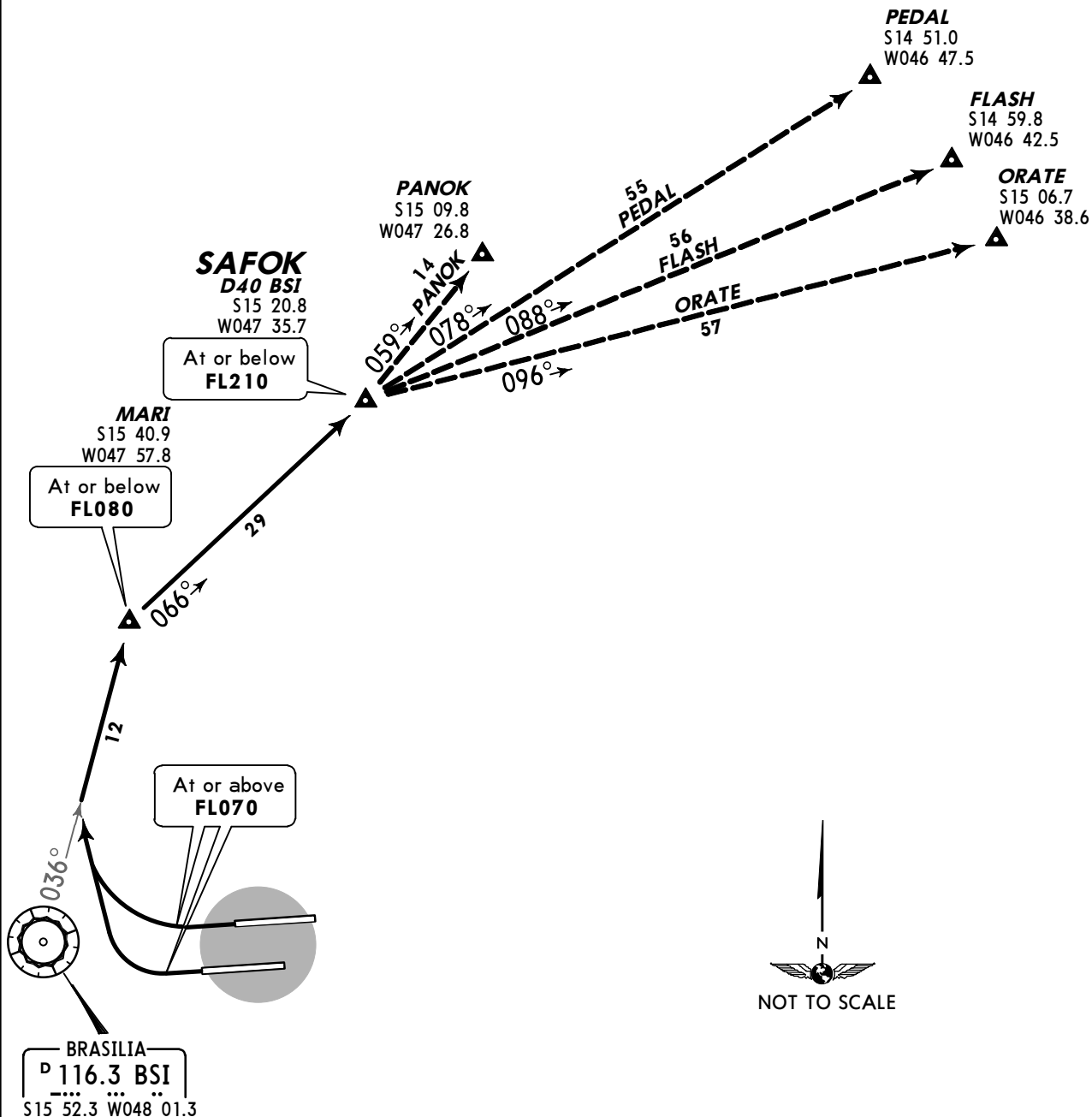
2 Noise Abatement procedure for jet aircraft that do not comply with Stage 4 Noise Abatement requirements of the Civil Aviation Regulations: Rwys 11L/R: Execute specific noise abatement procedure of equipment or MAINTAIN between V2+10 KT and V2+20 KT at the maximum possible rate of climb until passing 6000'. Rwy 11L: When passing 4000' turn RIGHT heading 160° until FL070, then turn LEFT heading 340° to intercept 042° bearing from CH and proceed according to authorized departure. Rwy 11R: When passing 5000' turn RIGHT heading 160° until FL070, then turn LEFT heading 340° to intercept 042° bearing from CH and proceed according to authorized departure.



Apt Elev  
**3497'**

Trans level: By ATC Trans alt: 7000'

## SAFOK 2 DEPARTURE [SAFOK2]



Direct distance from Pres Juscelino  
 Kubitschek Intl to:  
 MARI 11 NM

This SID requires a minimum climb gradient of:  
 Rwy 29L/R: 3.3%.

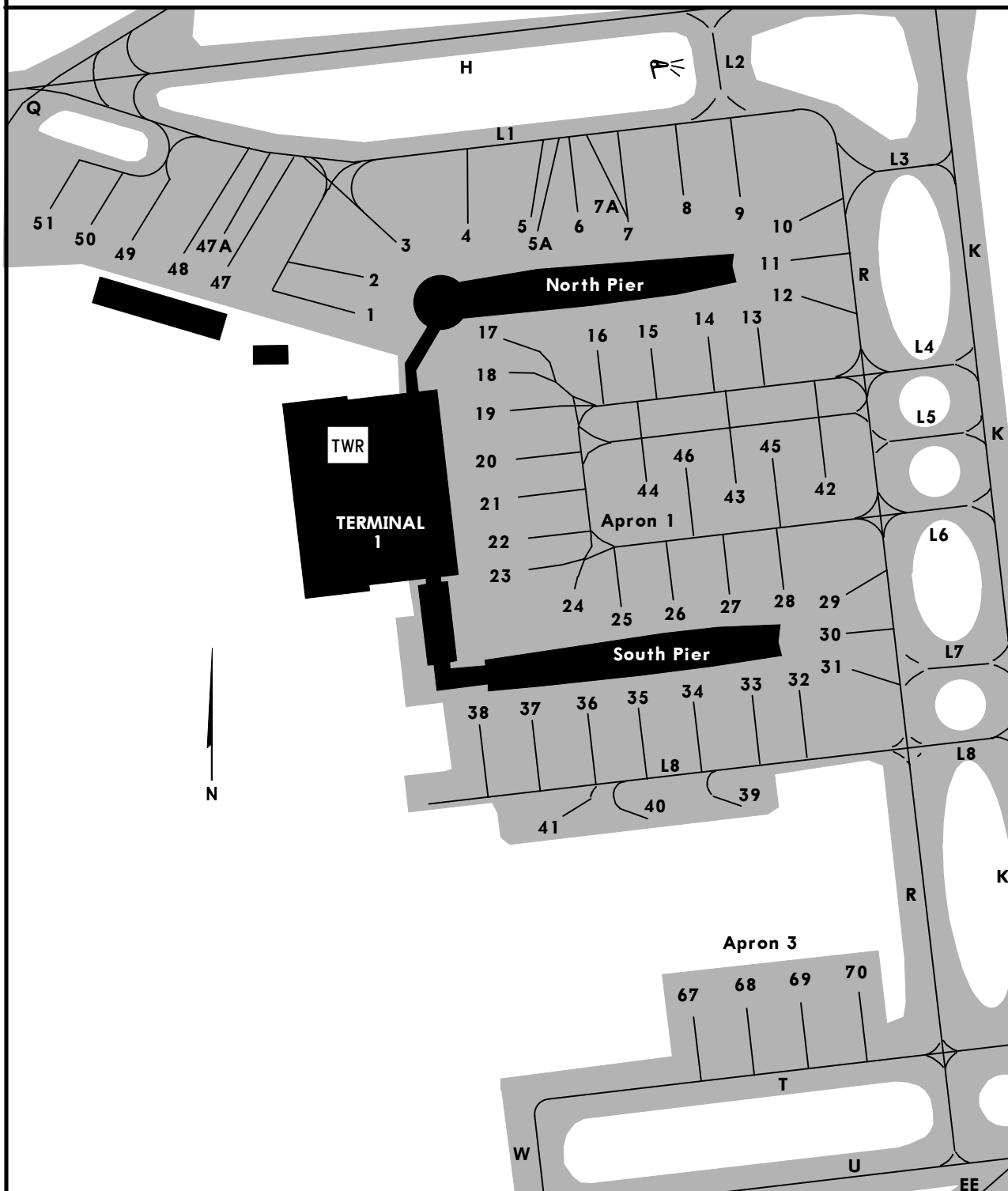
| Gnd speed-KT  | 75  | 100 | 150 | 200 | 250 | 300  |
|---------------|-----|-----|-----|-----|-----|------|
| 3.3% V/V(fpm) | 250 | 350 | 500 | 700 | 850 | 1000 |

### 24 HR NOISE ABATEMENT PROCEDURE-JET AIRCRAFT

Jet aircraft execute the specific noise abatement procedure of equipment or MAINTAIN between V2+10 KT and V2+20 KT at the maximum possible rate of climb until passing 5000'.

## Pres. Juscelino Kubitschek Intl. Apron 1 Construction

DURATION: 06 MAR 14 0000Z until 31 DEC 15 2359Z



### Restrictions

- Twy L4 , L5, L6, L7, L8, R: Max wingspan 118' (36 m).

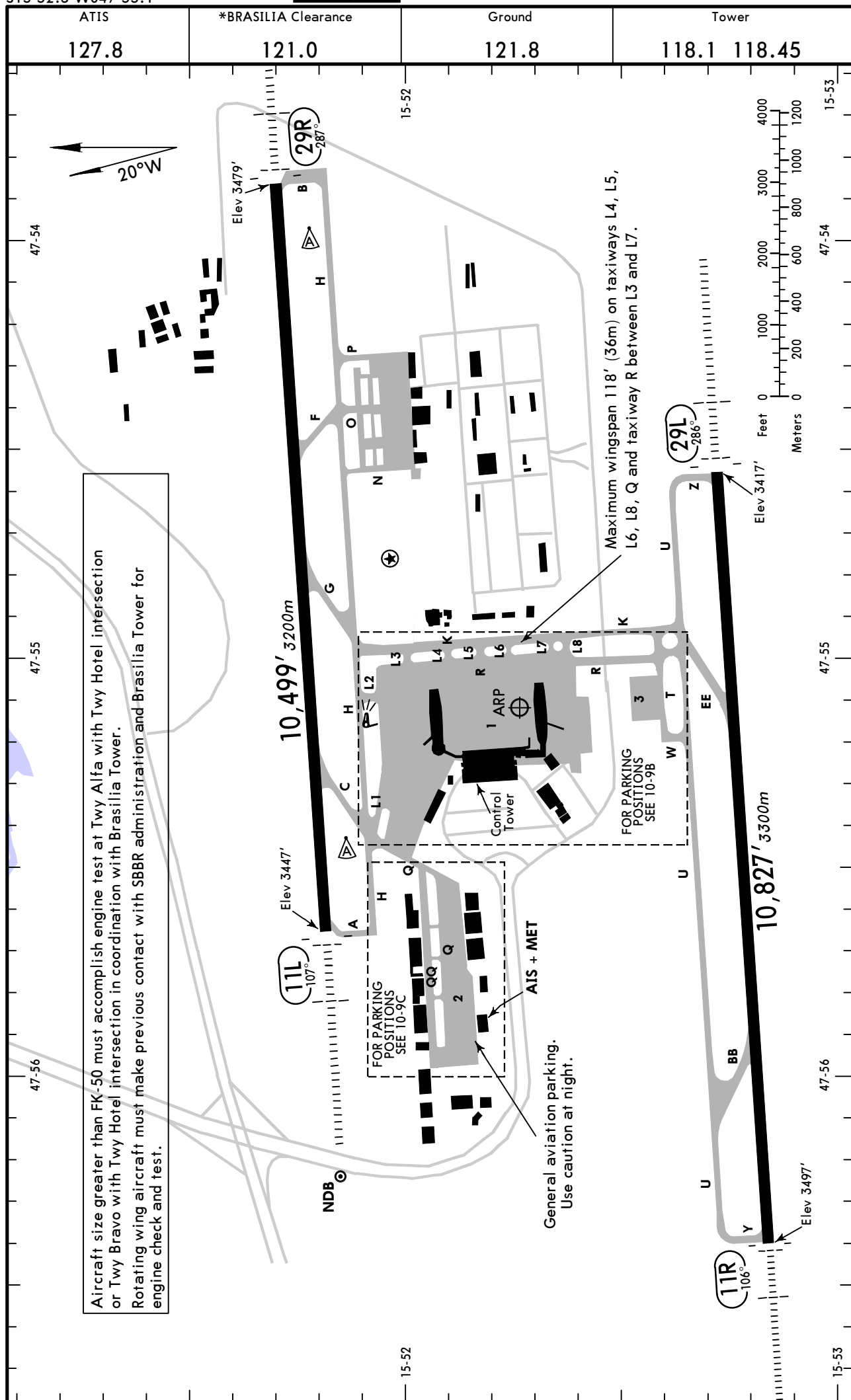
### Notes

- Attention to instructions and routes in ground. Areas subject to temporary suspension due to works;
- Check NOTAM unavailability of facilities for the desired period.

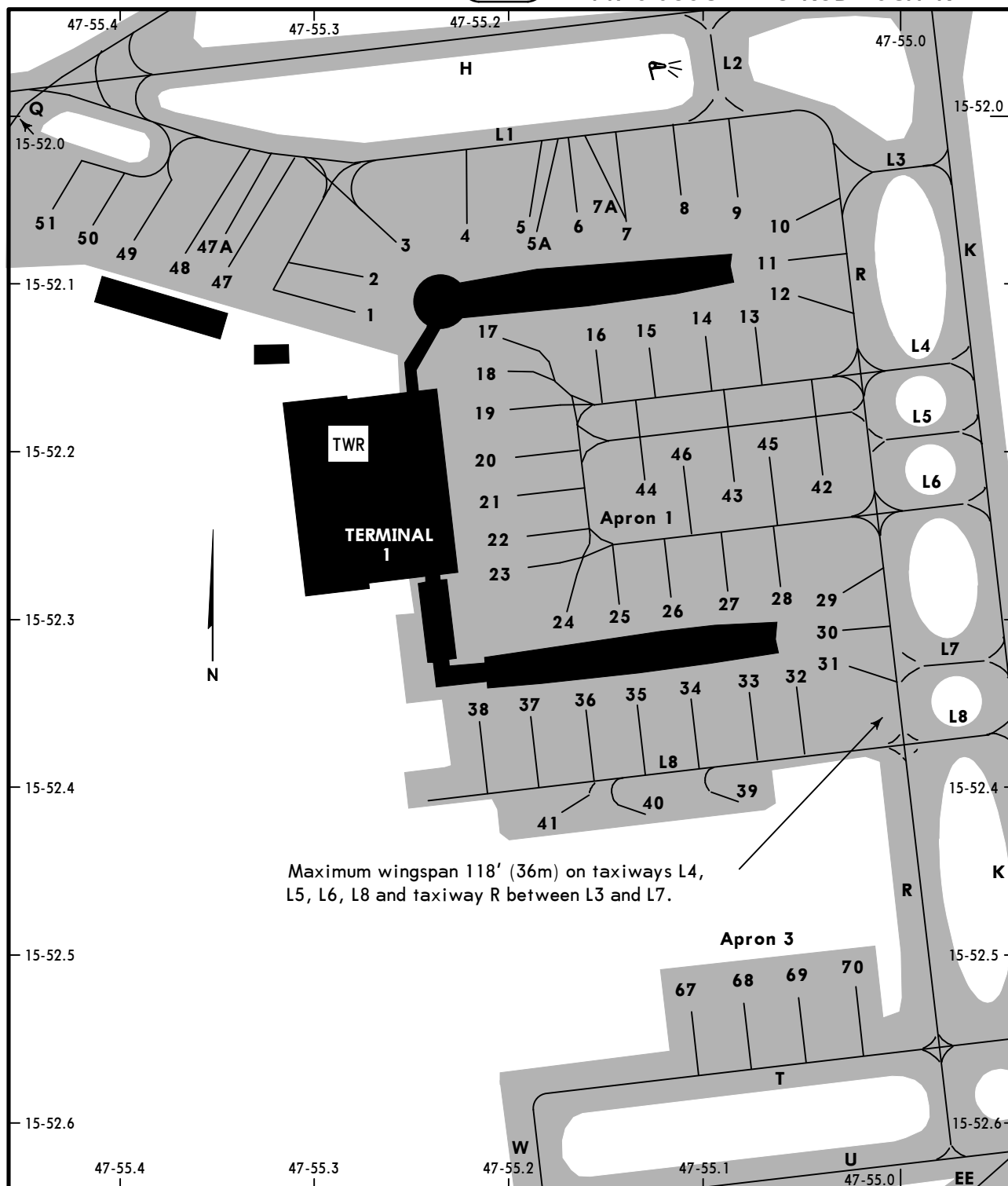
**SBBR/BSB**  
 Apt Elev **3497'**  
 S15 52.3 W047 55.1

**JEPPesen**  
 5 DEC 14  
 Eff 11 Dec **10-9**

**BRASILIA, BRAZIL**  
 PRES JUSCELINO KUBITSCHKE INTL

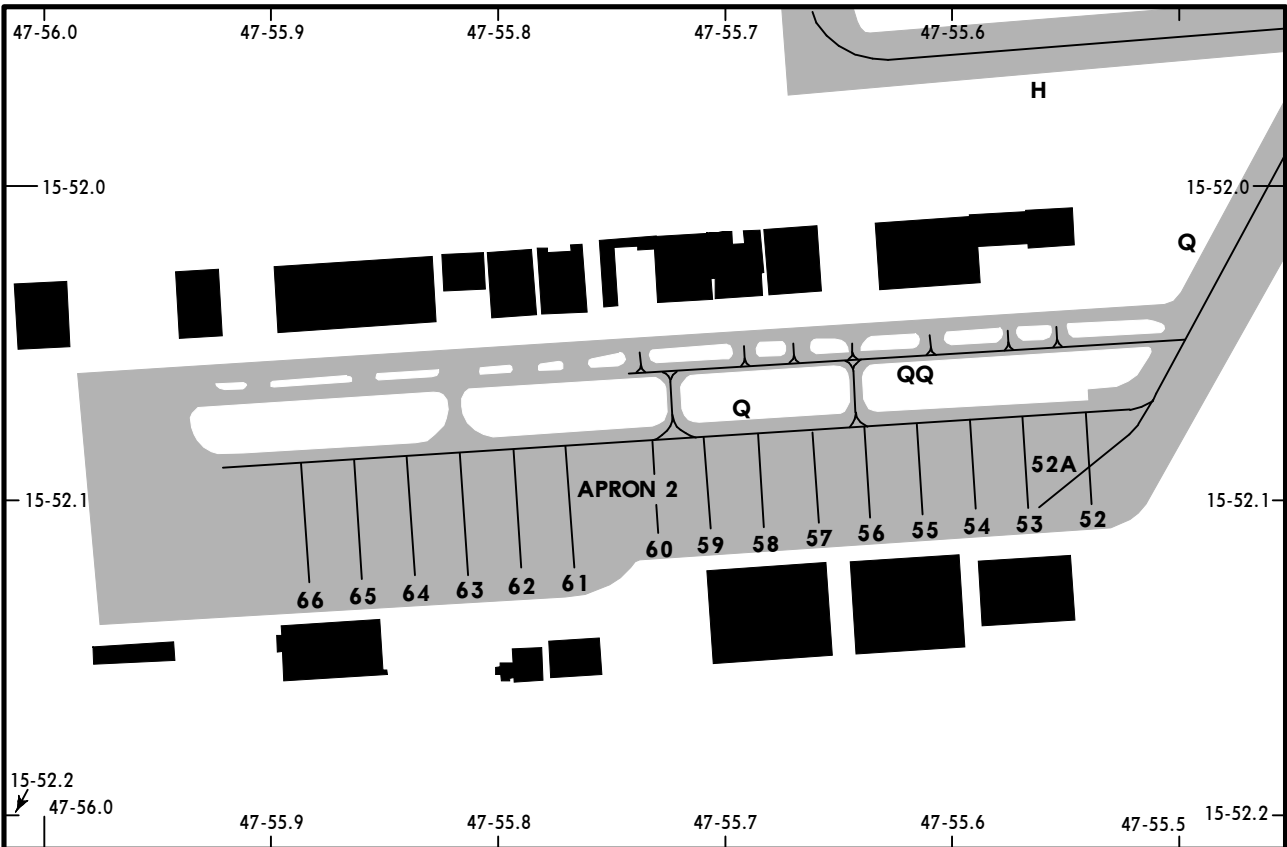


|                                                                                                                      |                                                 |                                         |             |                                 |       |  |
|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------|-------------|---------------------------------|-------|--|
| GENERAL                                                                                                              |                                                 |                                         |             |                                 |       |  |
| Two-way radio required.                                                                                              |                                                 |                                         |             |                                 |       |  |
| Only aircraft that can maintain final approach speed of 120 kt IAS can operate between periods 1100-1400, 2100-0000. |                                                 |                                         |             |                                 |       |  |
| ADDITIONAL RUNWAY INFORMATION                                                                                        |                                                 |                                         |             |                                 |       |  |
|                                                                                                                      |                                                 | USABLE LENGTHS                          |             |                                 |       |  |
|                                                                                                                      |                                                 | — LANDING BEYOND —                      |             |                                 |       |  |
| RWY                                                                                                                  |                                                 | Threshold                               | Glide Slope | TAKE-OFF                        | WIDTH |  |
| 11L                                                                                                                  | MIRL ALSF-1 REIL PAPI-L (angle 3.00°, MEHT 72') | RVR                                     | 9160' 2792m |                                 | 148'  |  |
| 29R                                                                                                                  | MIRL ALSF-1 REIL PAPI-L (angle 3.00°, MEHT 69') | RVR                                     | 9388' 2861m |                                 | 45m   |  |
| ① Grooved.                                                                                                           |                                                 |                                         |             |                                 |       |  |
| 11R                                                                                                                  | HIRL ALSF-1 PAPI-L (angle 3.00°, MEHT 65')      |                                         | 9583' 2921m |                                 | 148'  |  |
| 29L                                                                                                                  | HIRL ALSF-1 PAPI-L (angle 3.00°, MEHT 60')      |                                         | 9845' 3001m |                                 | 45m   |  |
|                                                                                                                      |                                                 |                                         |             |                                 |       |  |
|                                                                                                                      |                                                 |                                         |             |                                 |       |  |
|                                                                                                                      |                                                 |                                         |             |                                 |       |  |
| TAKE-OFF & DEPARTURE PROCEDURE                                                                                       |                                                 |                                         |             |                                 |       |  |
|                                                                                                                      |                                                 | All Rwys                                |             |                                 |       |  |
|                                                                                                                      |                                                 | Take-Off Alternate Apt. Filed           |             |                                 |       |  |
|                                                                                                                      |                                                 | Minimum climb gradient of 3.3% required |             |                                 |       |  |
|                                                                                                                      |                                                 | RL & RCLM                               |             |                                 |       |  |
| 2, 3 & 4 Eng Jet or Turbo Prop                                                                                       |                                                 | RVR 500m<br>VIS 600m                    | All Acft    | Cat A Aircraft Landing Minimums |       |  |
| DEPARTURE PROCEDURE: IFR departures must comply with published SIDs.                                                 |                                                 |                                         |             |                                 |       |  |



## PARKING SPOT COORDINATES

| SPOT No.       | COORDINATES        | SPOT No.       | COORDINATES        |
|----------------|--------------------|----------------|--------------------|
| <b>APRON 1</b> |                    |                |                    |
| 1, 2           | S15 52.1 W047 55.3 | 36 thru 38     | S15 52.4 W047 55.2 |
| 3 thru 6       | S15 52.0 W047 55.2 | 39, 40         | S15 52.4 W047 55.1 |
| 7 thru 9       | S15 52.0 W047 55.1 | 41             | S15 52.4 W047 55.2 |
| 10 thru 15     | S15 52.1 W047 55.1 | 42             | S15 52.2 W047 55.0 |
| 16 thru 18     | S15 52.1 W047 55.2 | 43 thru 46     | S15 52.2 W047 55.1 |
| 19 thru 22     | S15 52.2 W047 55.2 | 47             | S15 52.0 W047 55.3 |
| 23, 24         | S15 52.3 W047 55.2 | 47A thru 51    | S15 52.0 W047 55.4 |
| 25 thru 28     | S15 52.3 W047 55.1 | <b>APRON 3</b> |                    |
| 29 thru 31     | S15 52.3 W047 55.0 | 67 thru 69     | S15 52.5 W047 55.1 |
| 32 thru 35     | S15 52.4 W047 55.1 | 70             | S15 52.5 W047 55.0 |

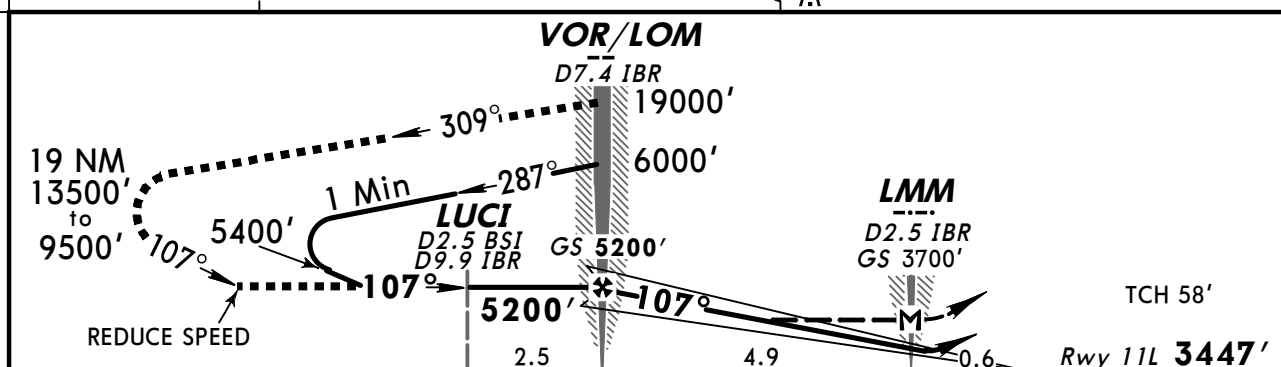
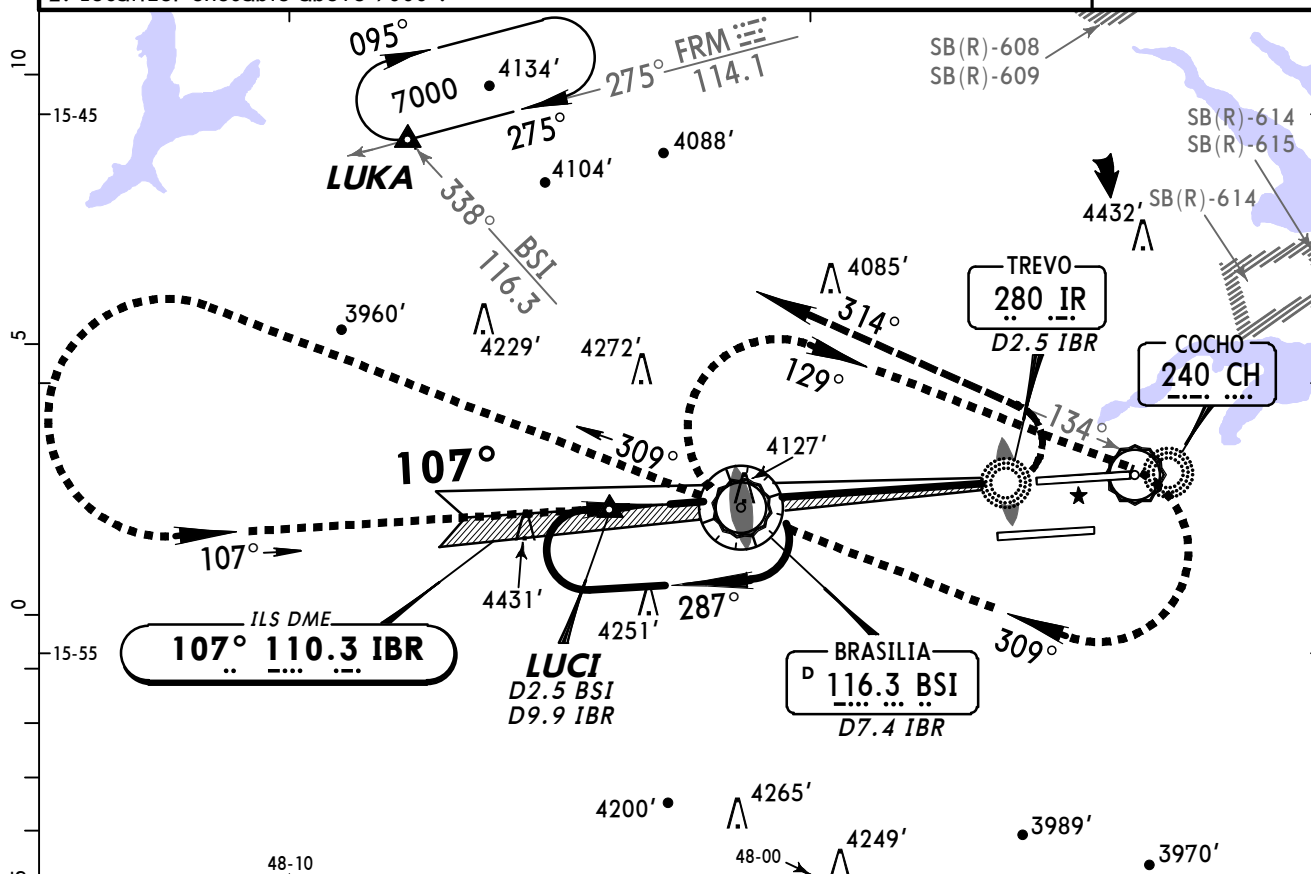


PARKING SPOT COORDINATES

| SPOT No.    | COORDINATES        |  |  |
|-------------|--------------------|--|--|
| APRON 2     |                    |  |  |
| 52          | S15 52.1 W047 55.5 |  |  |
| 52A thru 56 | S15 52.1 W047 55.6 |  |  |
| 57 thru 60  | S15 52.1 W047 55.7 |  |  |
| 61 thru 64  | S15 52.1 W047 55.8 |  |  |
| 65, 66      | S15 52.1 W047 55.9 |  |  |

BRIEFING STRIP™

|                                                                                                        |                           |                                                                                 |                              |                                 |                 |                                                   |  |  |  |
|--------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------|------------------------------|---------------------------------|-----------------|---------------------------------------------------|--|--|--|
| ATIS<br>127.8                                                                                          |                           | BRASILIA Control (App) (R)<br>119.2 119.5 119.7 120.0 120.3 120.65 129.15 129.6 |                              |                                 |                 |                                                   |  |  |  |
| BRASILIA Tower<br>118.1 118.45                                                                         |                           |                                                                                 |                              |                                 | Ground<br>121.8 |                                                   |  |  |  |
| LOC<br>IBR<br>110.3                                                                                    | Final<br>Apch Crs<br>107° | GS<br>VOR/LOM<br>5200' (1753')                                                  | ILS<br>DA(H)<br>3651' (204') | Apt Elev 3497'<br>Rwy 11L 3447' |                 | <div><div>6000'</div><div>MSA BSI VOR</div></div> |  |  |  |
| MISSED APCH: Climb to 7000' in LEFT turn to intercept 314° bearing from CH NDB, head to LUKA and hold. |                           |                                                                                 |                              |                                 |                 |                                                   |  |  |  |
| Alt Set: hPa      Rwy Elev: 120 hPa      Trans level: By ATC      Trans alt: 7000'                     |                           |                                                                                 |                              |                                 |                 |                                                   |  |  |  |
| 1. Penetration based on 220 Kts IAS, rate of descent 2000'/min.<br>2. Localizer unusable above 7000'.  |                           |                                                                                 |                              |                                 |                 |                                                   |  |  |  |



| Gnd speed-Kts                       | 90    | 110  | 130  | 150  | 170  | 190  | ALSF-I | 7000' | CH  | LUKA |
|-------------------------------------|-------|------|------|------|------|------|--------|-------|-----|------|
| GS                                  | 3.00° | 478  | 584  | 690  | 796  | 902  | REIL   | 7000' | 240 |      |
| Rate of descent on final (feet/min) |       | 450  | 550  | 650  | 750  | 900  | PAPI   | 314°  |     |      |
| MAP at LMM or LOM to MAP            | 4.9   | 3:16 | 2:40 | 2:15 | 1:57 | 1:43 |        |       |     |      |

| STRAIGHT-IN LANDING RWY 11L |                             |                            |              | CEILING REQUIRED |               | CIRCLE-TO-LAND                                                  |  |
|-----------------------------|-----------------------------|----------------------------|--------------|------------------|---------------|-----------------------------------------------------------------|--|
| ILS                         |                             | LOC (GS out)               |              |                  |               | Landing Rwy 29R-<br>Circling Not Authorized<br>South of Airport |  |
| DA(H) <b>3651'</b> (204')   |                             | MDA(H) <b>4140'</b> (693') |              |                  |               |                                                                 |  |
| FULL                        | ALS out                     | ALS out                    | ALS out      | Max Kts          | MDA(H)        | CEIL-VIS                                                        |  |
| A                           |                             |                            |              | 100              |               |                                                                 |  |
| B                           |                             |                            |              | 135              |               |                                                                 |  |
| C                           | 200' - RVR 550m<br>VIS 800m | 200' - 1200m               | 700' - 550m  | 180              | 4140' (643')  | 700' - 1600m                                                    |  |
| D                           |                             |                            | 700' - 2400m | 205              | 4820' (1323') | 1400' - 4800m                                                   |  |

SBBR/BSB

PRES JUSCELINO KUBITSCHKE INTL

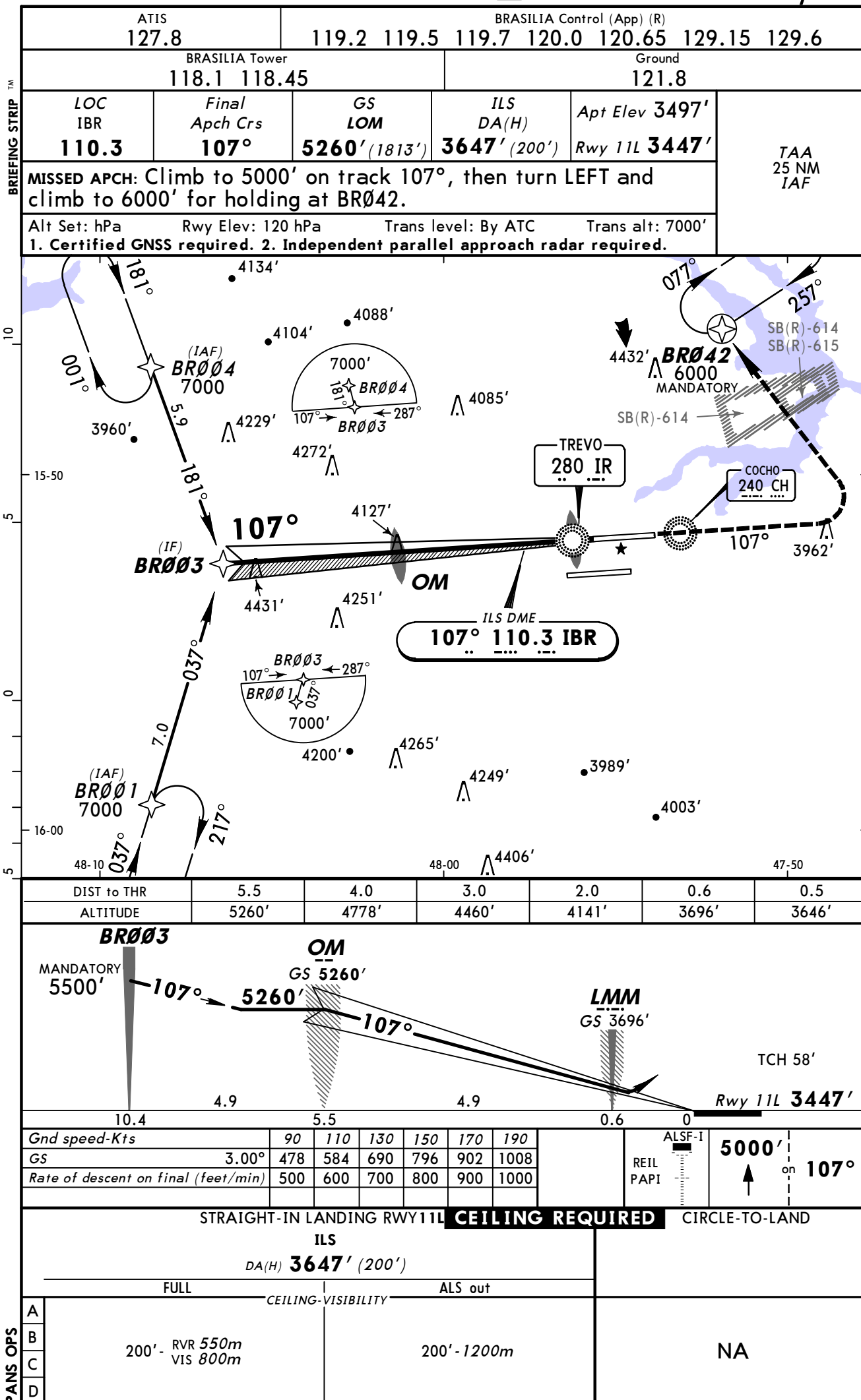
24 OCT 14

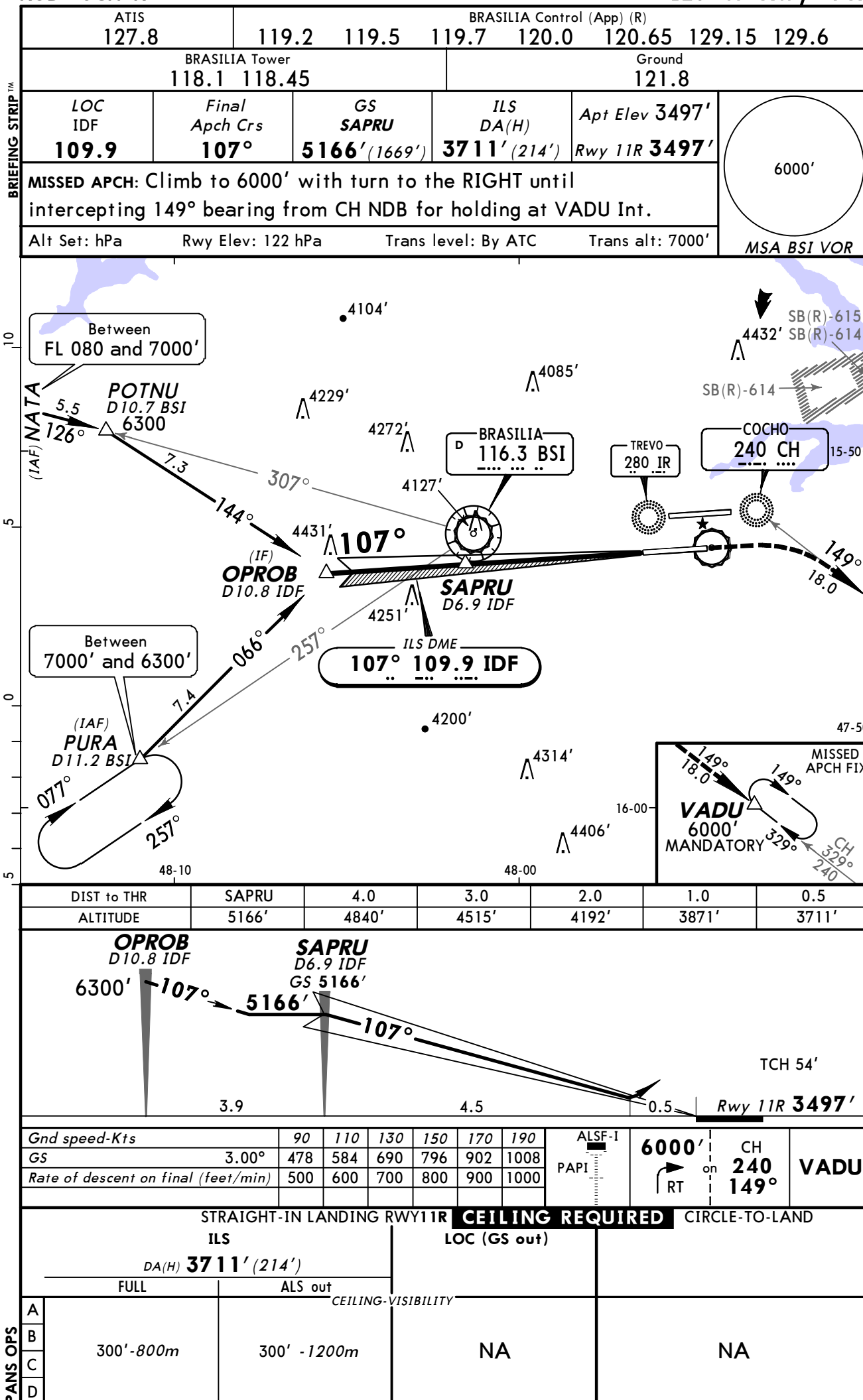
(11-2)

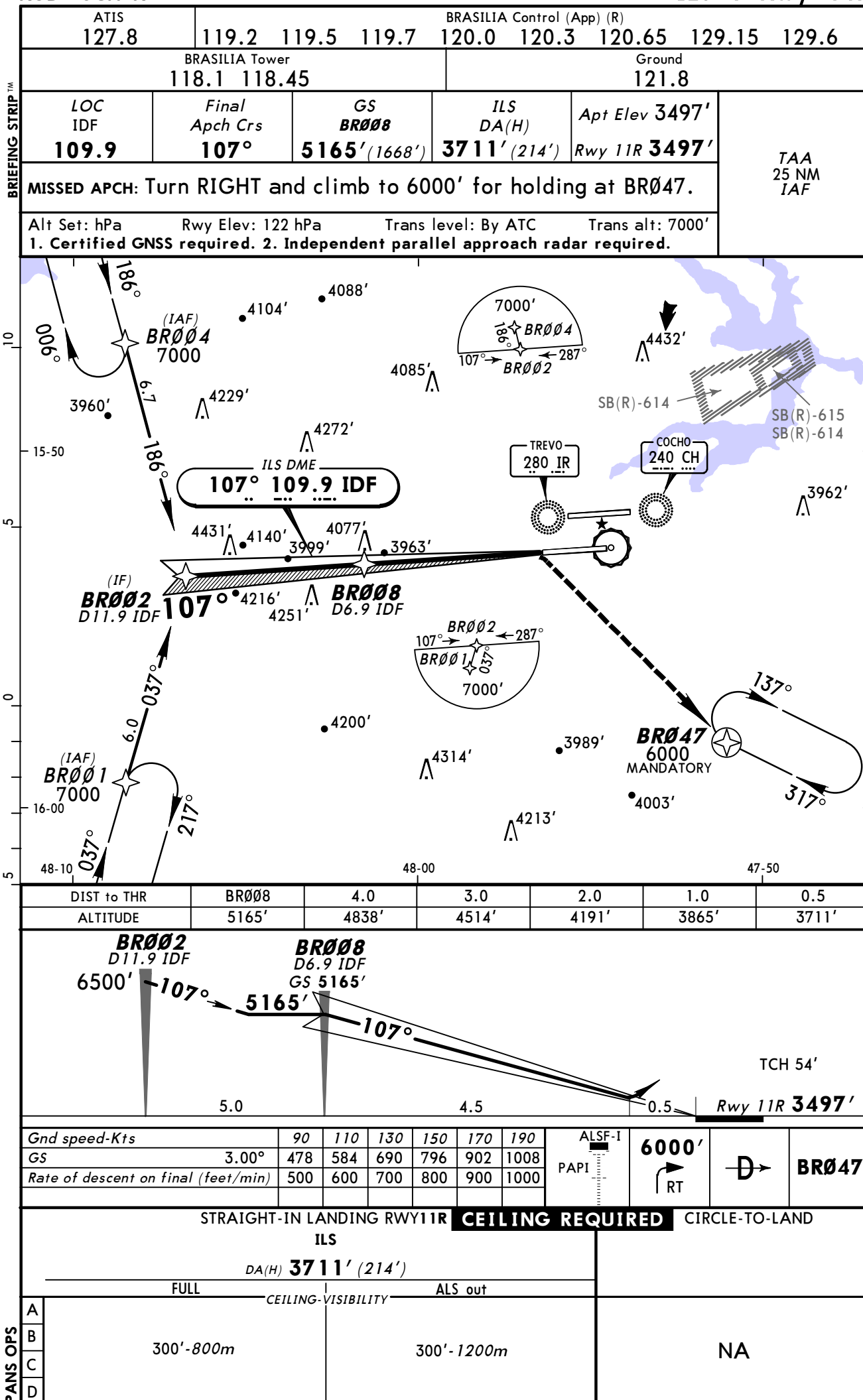
JEPPESSEN

BRASILIA, BRAZIL

ILS Z Rwy 11L







**SBBR/BSB**

**PRES JUSCELINO KUBITSCHKE INTL**

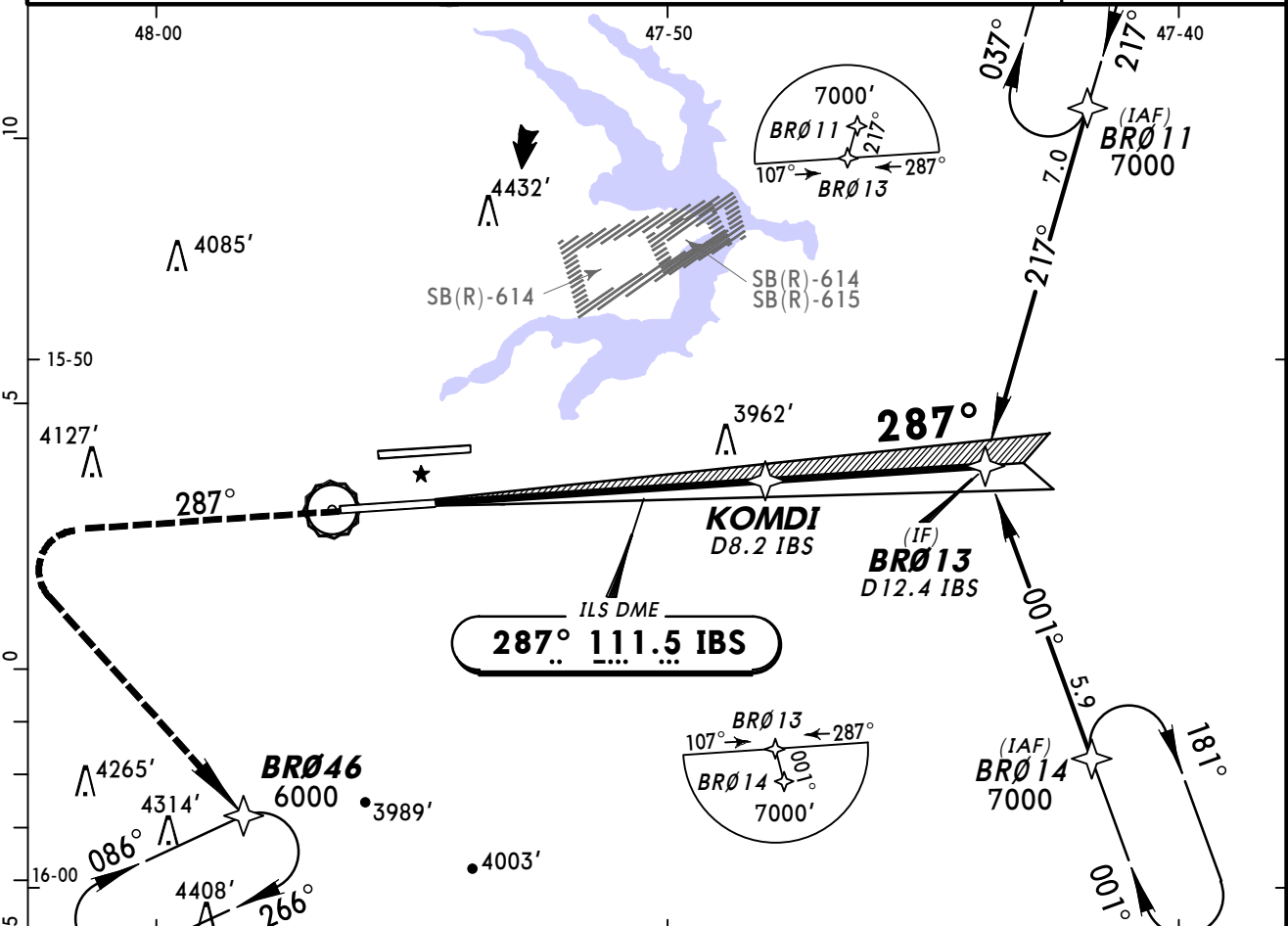
**JEPPESEN**

24 OCT 14 **(11-5)**

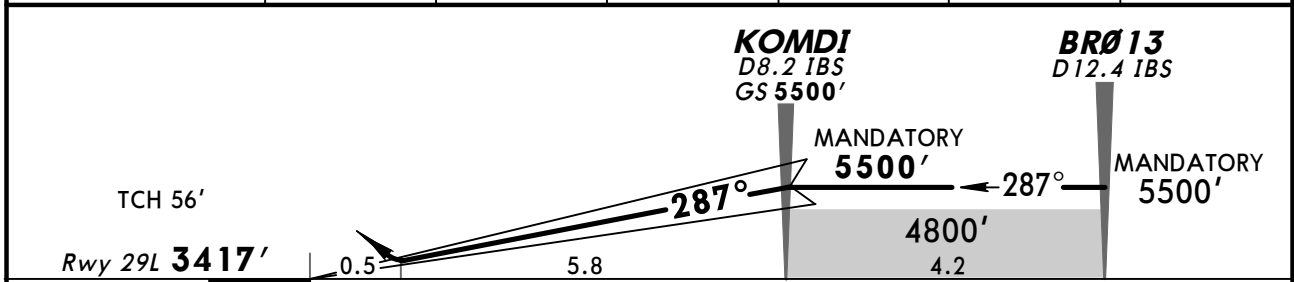
**BRASILIA, BRAZIL**

**ILS Z Rwy 29L**

|                 |                                                                                              |                           |                                                                           |                              |                                 |                     |  |
|-----------------|----------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------|------------------------------|---------------------------------|---------------------|--|
| BRIEFING STRIP™ | ATIS<br>127.8                                                                                |                           | BRASILIA Control (App) (R)<br>119.2 119.5 119.7 120.0 120.65 129.15 129.6 |                              |                                 |                     |  |
|                 | BRASILIA Tower<br>118.1 118.45                                                               |                           |                                                                           | Ground<br>121.8              |                                 |                     |  |
|                 | LOC<br>IBS<br>111.5                                                                          | Final<br>Apch Crs<br>287° | GS<br>KOMDI<br>5500' (2083')                                              | ILS<br>DA(H)<br>3617' (200') | Apt Elev 3497'<br>Rwy 29L 3417' | TAA<br>25 NM<br>IAF |  |
|                 | MISSED APCH: Climb to 6000' on course 287°. After 5000', turn LEFT direct BRØ46 for holding. |                           |                                                                           |                              |                                 |                     |  |
|                 | Alt Set: hPa                                                                                 |                           | Rwy Elev: 119 hPa                                                         | Trans level: By ATC          | Trans alt: 7000'                |                     |  |
|                 | 1. Independent parallel approaches radar required.                                           |                           |                                                                           |                              |                                 |                     |  |



|                    |       |       |       |       |       |       |
|--------------------|-------|-------|-------|-------|-------|-------|
| <b>DIST to THR</b> | 0.5   | 1.0   | 2.0   | 3.0   | 4.0   | 5.0   |
| <b>ALTITUDE</b>    | 3618' | 3797' | 4116' | 4434' | 4753' | 5094' |



|                                            |       |     |     |     |     |     |                                                                |
|--------------------------------------------|-------|-----|-----|-----|-----|-----|----------------------------------------------------------------|
| <b>Gnd speed-Kts</b>                       | 90    | 110 | 130 | 150 | 170 | 190 | <b>MALS F</b><br><b>PAPI</b><br><b>6000'</b><br><b>on 287°</b> |
| <b>GS</b>                                  | 3.00° | 478 | 584 | 690 | 796 | 902 |                                                                |
| <b>Rate of descent on final (feet/min)</b> |       | 500 | 600 | 700 | 800 | 900 |                                                                |

| STRAIGHT-IN LANDING RWY29L |                    | CEILING REQUIRED | CIRCLE-TO-LAND |
|----------------------------|--------------------|------------------|----------------|
| ILS<br>DA(H) 3617' (200')  |                    |                  |                |
| FULL                       |                    | ALS out          |                |
| A                          | CEILING-VISIBILITY |                  |                |
| B                          |                    |                  |                |
| C                          | 200' - 1200m       |                  | NA             |
| D                          |                    |                  |                |

CHANGES: MALS F added, note.

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SBBR/BSB

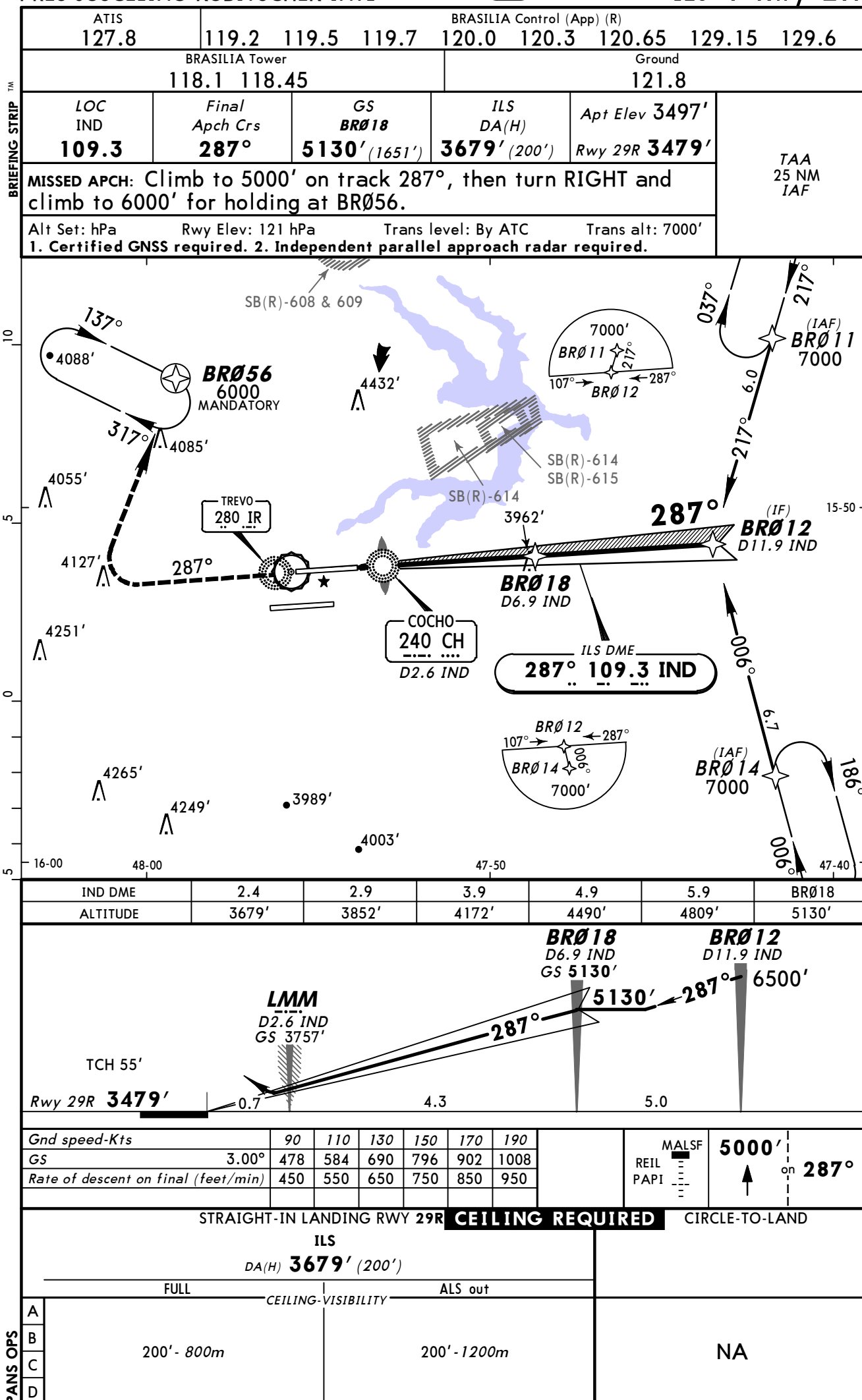
PRES JUSCELINO KUBITSCHKE INTL

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24 OCT 14 (11-6)

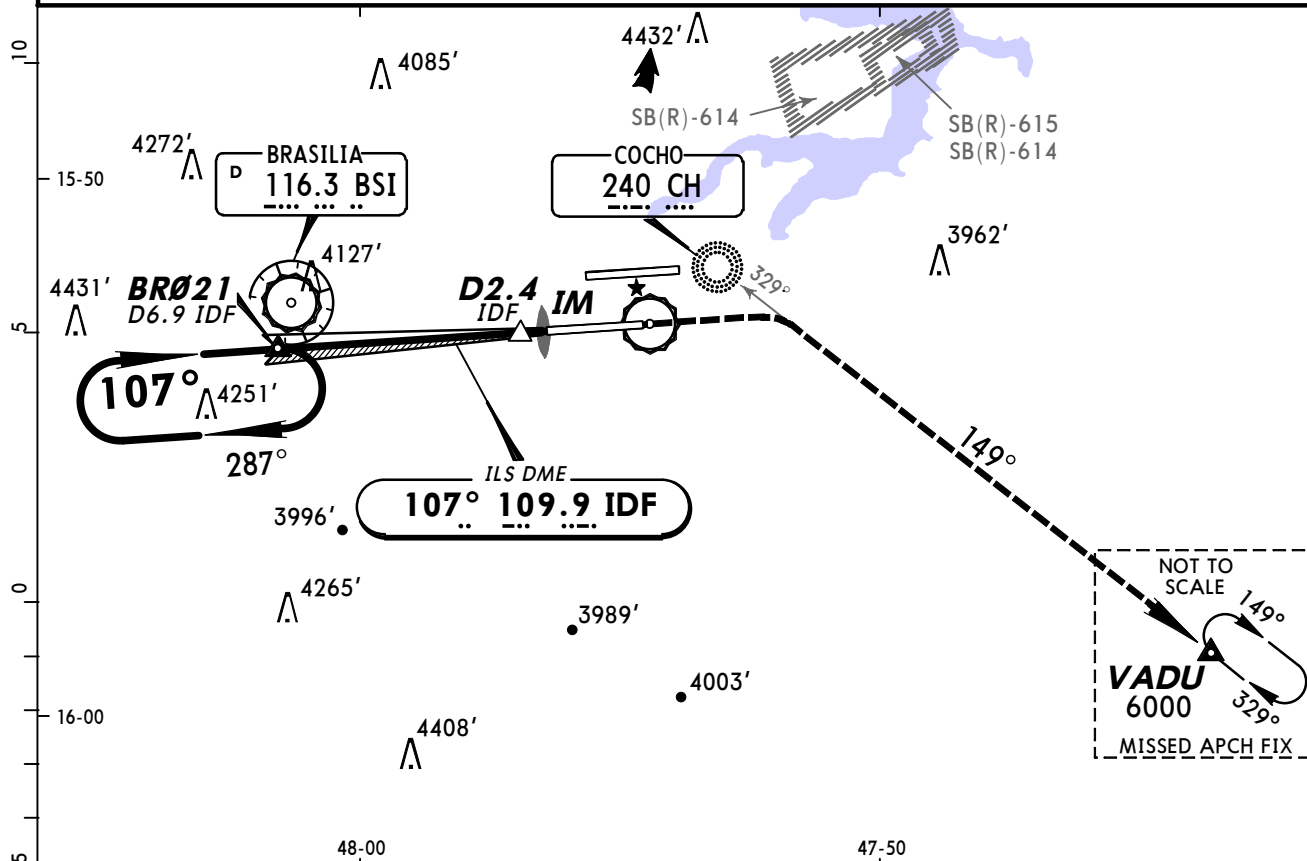
BRASILIA, BRAZIL

ILS Y Rwy 29R

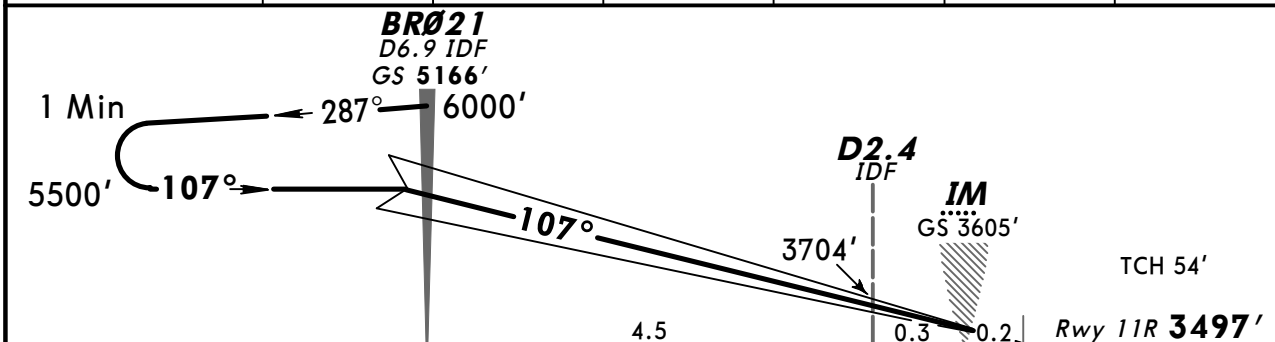


BRIEFING STRIP™

|                                                                                                                                    |                           |                                                                     |                                                |                                 |                                         |  |
|------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------|------------------------------------------------|---------------------------------|-----------------------------------------|--|
| ATIS<br>127.8                                                                                                                      |                           | BRASILIA Control (App) (R)<br>119.2   119.5   119.7   120.0   129.6 |                                                |                                 |                                         |  |
| BRASILIA Tower<br>118.1   118.45                                                                                                   |                           |                                                                     |                                                | Ground<br>121.8                 |                                         |  |
| LOC<br>IDF<br>109.9                                                                                                                | Final<br>Apch Crs<br>107° | GS<br>BR021<br>5166' (1669')                                        | CAT II ILS<br>RA 130'<br>DA(H)<br>3632' (135') | Apt Elev 3497'<br>Rwy 11R 3497' | <div>6000'</div> <div>MSA BSI VOR</div> |  |
| MISSED APCH: Climb to 6000' and intercept bearing 149° from CH NDB for holding at VADU.                                            |                           |                                                                     |                                                |                                 |                                         |  |
| Alt Set: hPa                      Rwy Elev: 122 hPa                      Trans level: By ATC                      Trans alt: 7000' |                           |                                                                     |                                                |                                 |                                         |  |
| 1. Authorized for qualified crew and certified aircraft only. 2. Certified GNSS required.                                          |                           |                                                                     |                                                |                                 |                                         |  |



|          |       |       |       |       |       |       |
|----------|-------|-------|-------|-------|-------|-------|
| IDF DME  | BR021 | 6.0   | 5.0   | 4.0   | 3.0   | 2.2   |
| ALTITUDE | 5166' | 4825' | 4506' | 4188' | 3869' | 3632' |



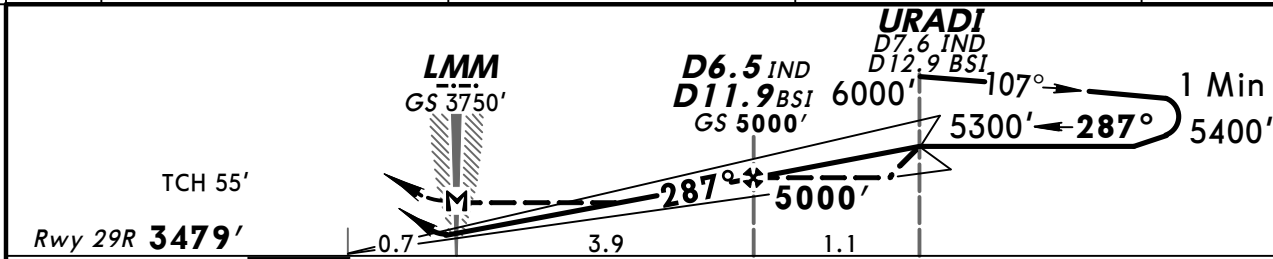
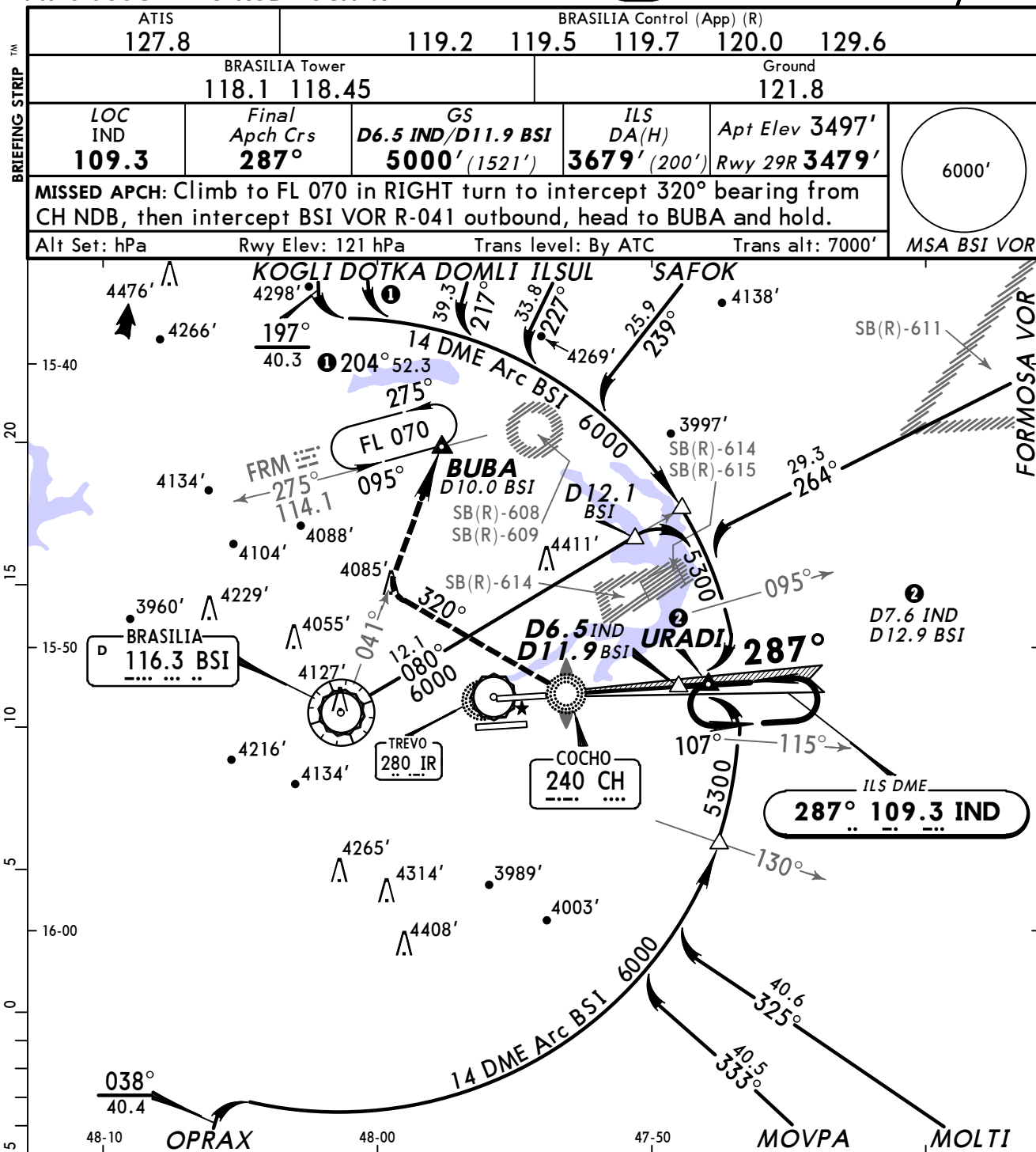
|                                     |       |     |     |     |     |     |        |       |                   |      |
|-------------------------------------|-------|-----|-----|-----|-----|-----|--------|-------|-------------------|------|
| Gnd speed-Kts                       | 90    | 110 | 130 | 150 | 170 | 190 | PAPI-L | 6000' | CH<br>240<br>149° | VADU |
| GS                                  | 3.00° | 478 | 584 | 690 | 796 | 902 |        |       |                   |      |
| Rate of descent on final (feet/min) |       | 500 | 600 | 700 | 800 | 900 |        |       |                   |      |

STRAIGHT-IN LANDING RWY11R **CEILING REQUIRED** CIRCLE-TO-LAND

CAT II ILS  
**RA 130'**  
DA(H) **3632'** (135')  
CEILING-VISIBILITY

PANS OPS  
A  
B  
C  
D

200' - RVR 500m

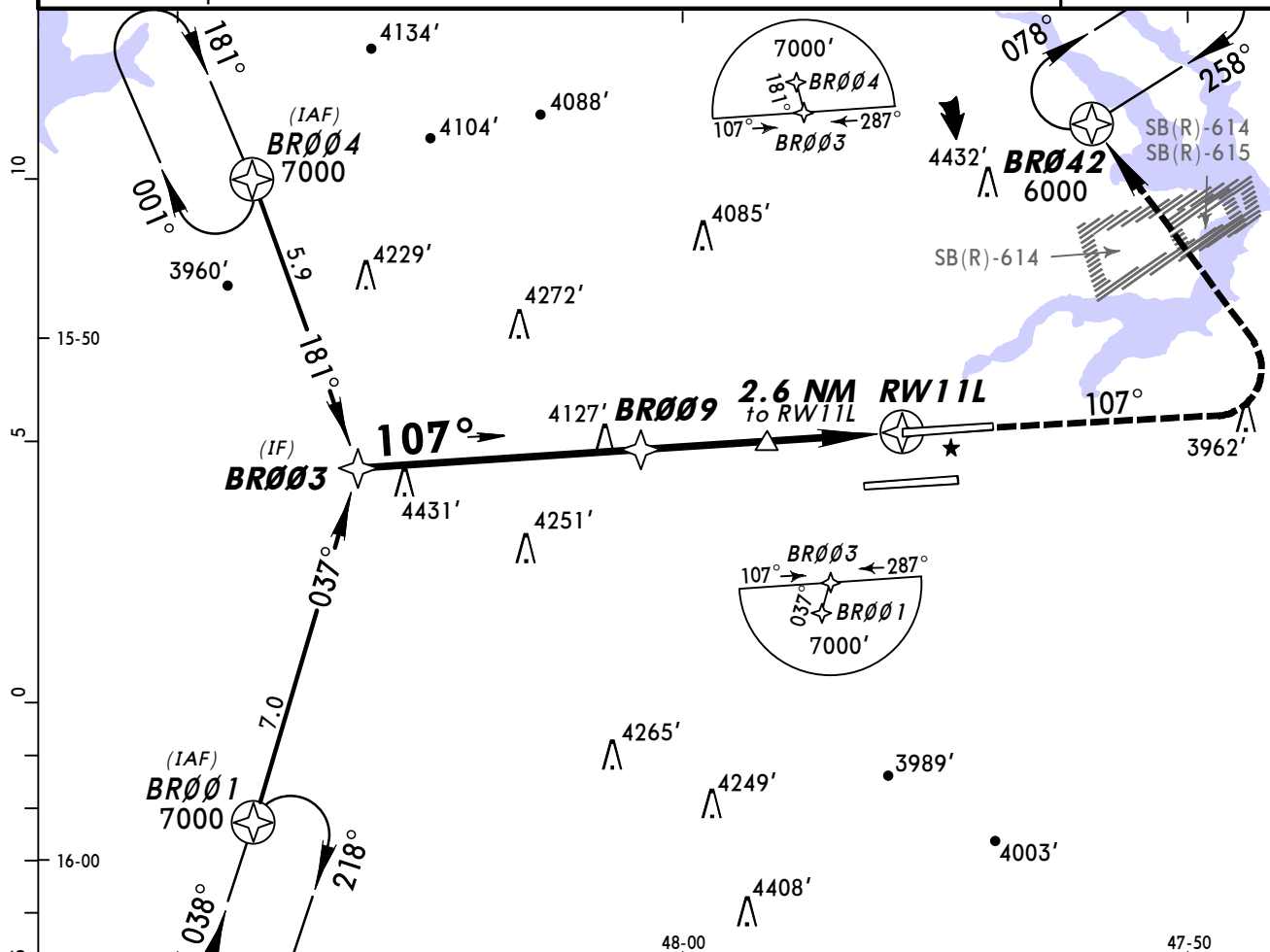


| Gnd speed-Kts                      | 90    | 110 | 130 | 150 | 170  | 190  | MALSR |      | FL 070 | CH   |
|------------------------------------|-------|-----|-----|-----|------|------|-------|------|--------|------|
| GS                                 | 3.00° | 478 | 584 | 690 | 796  | 902  | 1008  | REIL | RT     | 240  |
| Rate of descent on final(feet/min) | 400   | 500 | 700 | 800 | 1000 | 1100 | PAPI  |      |        | 320° |
| MAP at LMM                         |       |     |     |     |      |      |       |      |        |      |

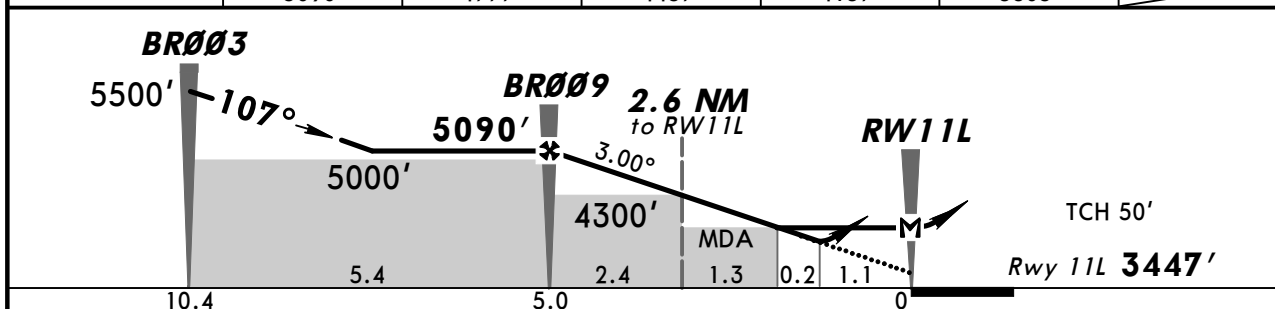
| STRAIGHT-IN LANDING RWY29R |                             |                            |                 | CEILING REQUIRED                                           |               | CIRCLE-TO-LAND |  |
|----------------------------|-----------------------------|----------------------------|-----------------|------------------------------------------------------------|---------------|----------------|--|
| ILS                        |                             | LOC (GS out)               |                 | Landing Rwy 11L - Circling Not Authorized South of Airport |               |                |  |
| DA(H) <b>3679'</b> (200')  |                             | MDA(H) <b>4200'</b> (721') |                 |                                                            |               |                |  |
| FULL                       | RAIL or ALS out             | FULL                       | RAIL or ALS out | Max Kts                                                    | MDA(H)        | CEIL-VIS       |  |
| PANS OPS                   | 200' - RVR 550m<br>VIS 800m | 200' - 1200m               | 800'-800m       | 100                                                        | 4200' (703')  | 800'-1600m     |  |
|                            |                             |                            | 800'-1600m      | 135                                                        |               |                |  |
|                            |                             |                            | 800'-2400m      | 180                                                        | 4820' (1323') | 1400'-4800m    |  |
|                            |                             |                            | 800'-2800m      | 205                                                        |               |                |  |

BRIEFING STRIP

|                                                                                                 |                           |                                                                                 |                                    |                                 |                     |  |  |  |
|-------------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------|------------------------------------|---------------------------------|---------------------|--|--|--|
| ATIS<br>127.8                                                                                   |                           | BRASILIA Control (App) (R)<br>119.2 119.5 119.7 120.0 120.3 120.65 129.15 129.6 |                                    |                                 |                     |  |  |  |
| BRASILIA Tower<br>118.1 118.45                                                                  |                           |                                                                                 |                                    | Ground<br>121.8                 |                     |  |  |  |
| RNAV                                                                                            | Final<br>Apch Crs<br>107° | Minimum Alt<br>BR009<br>5090' (1643')                                           | LNAV/VNAV<br>DA(H)<br>3805' (358') | Apt Elev 3497'<br>Rwy 11L 3447' | TAA<br>25 NM<br>IAF |  |  |  |
| MISSED APCH: Climb to 6000' on course 107°. After 5000', turn<br>LEFT direct BR042 for holding. |                           |                                                                                 |                                    |                                 |                     |  |  |  |
| Alt Set: hPa                                                                                    |                           | Rwy Elev: 120 hPa                                                               |                                    | Trans level: By ATC             |                     |  |  |  |
| 1. Baro-VNAV procedure not authorized below 0°C. 2. RNAV 1 or RNP 1.                            |                           |                                                                                 |                                    |                                 | Trans alt: 7000'    |  |  |  |



|             |       |       |       |       |       |       |
|-------------|-------|-------|-------|-------|-------|-------|
| DIST to THR | BR009 | 4.0   | 3.0   | 2.0   | 1.1   | RW11L |
| ALTITUDE    | 5090' | 4777' | 4457' | 4137' | 3805' |       |

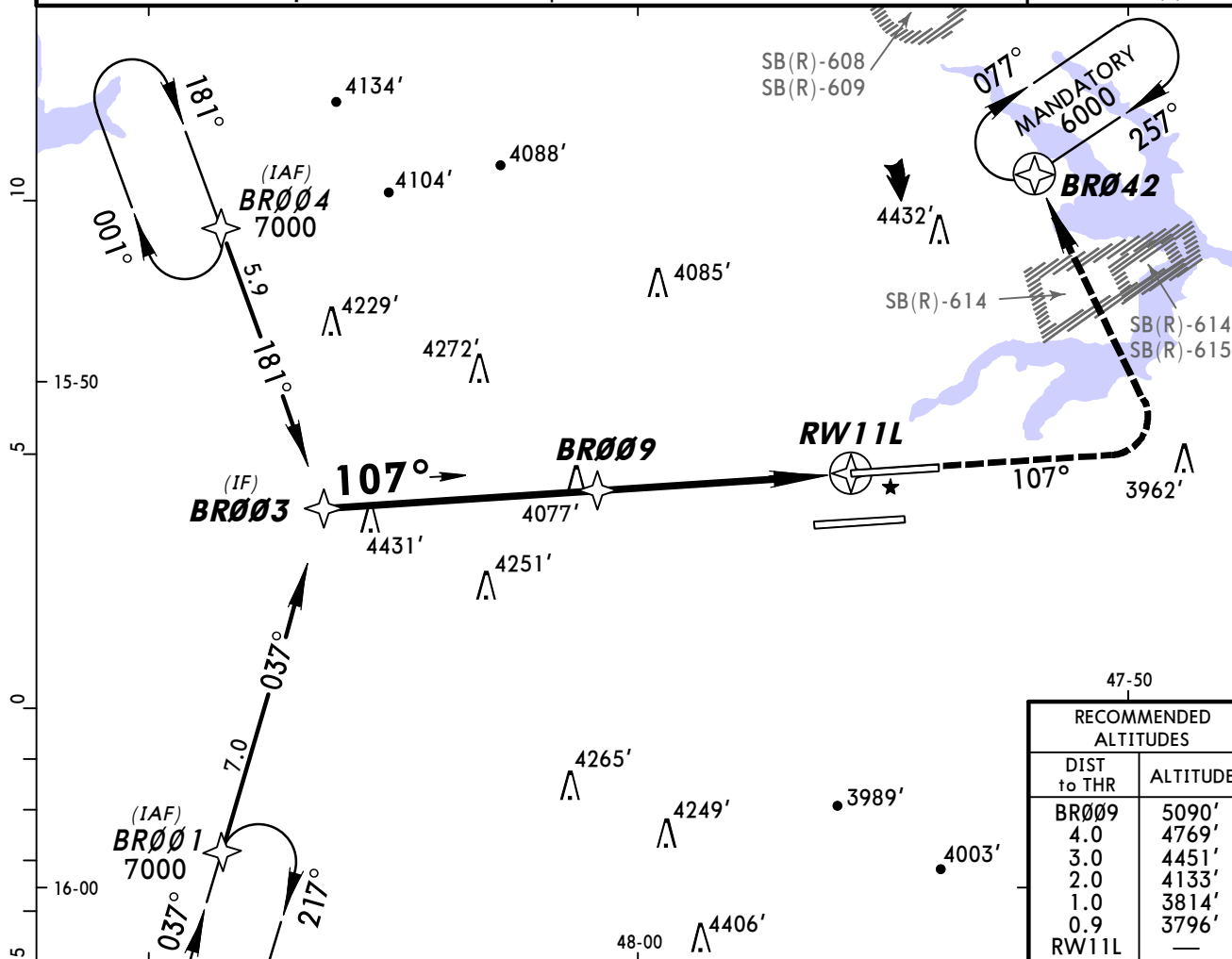


|                                     |     |     |     |     |     |      |                                         |
|-------------------------------------|-----|-----|-----|-----|-----|------|-----------------------------------------|
| Gnd speed-Kts                       | 90  | 110 | 130 | 150 | 170 | 190  | ALSF-I<br>REIL<br>PAPI<br>6000' on 107° |
| Rate of descent on final (feet/min) | 500 | 600 | 700 | 800 | 900 | 1000 |                                         |
| MAP at RW11L                        |     |     |     |     |     |      |                                         |

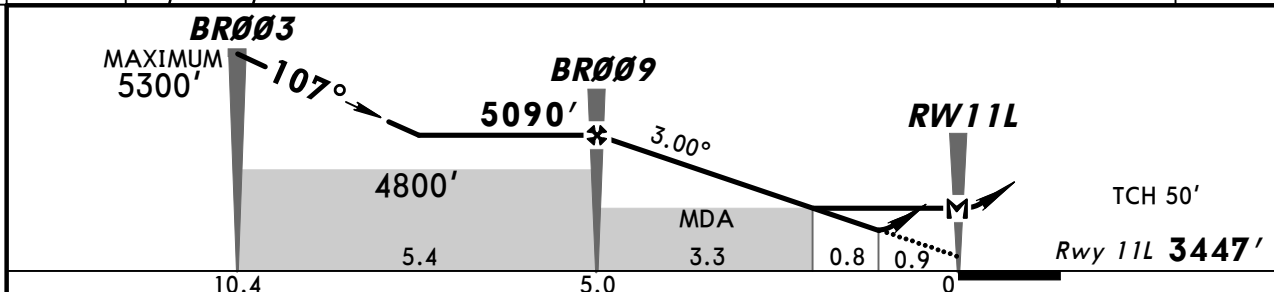
| STRAIGHT-IN LANDING RWY11L |              |                     |              | CEILING REQUIRED | CIRCLE-TO-LAND |
|----------------------------|--------------|---------------------|--------------|------------------|----------------|
| LNAV/VNAV                  |              | LNAV                |              |                  |                |
| DA(H) 3805' (358')         |              | MDA(H) 3860' (413') |              |                  |                |
|                            |              | ALS out             | ALS out      |                  |                |
|                            |              | CEILING-VISIBILITY  |              |                  |                |
| A                          |              |                     |              |                  |                |
| B                          | 400' - 1100m | 400' - 1800m        | 500' - 1100m |                  |                |
| C                          |              |                     |              |                  |                |
| D                          |              |                     |              |                  |                |

BRIEFING STRIP™

|                                                                                                                                                                       |                           |                                                                           |                                    |                                 |                                       |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------|------------------------------------|---------------------------------|---------------------------------------|--|--|
| ATIS<br>127.8                                                                                                                                                         |                           | BRASILIA Control (App) (R)<br>119.2 119.5 119.7 120.0 120.65 129.15 129.6 |                                    |                                 |                                       |  |  |
| BRASILIA Tower<br>118.1 118.45                                                                                                                                        |                           |                                                                           |                                    | Ground<br>121.8                 |                                       |  |  |
| RNAV                                                                                                                                                                  | Final<br>Apch Crs<br>107° | Minimum Alt<br>BR009<br>5090' (1643')                                     | LNAV/VNAV<br>DA(H)<br>3797' (350') | Apt Elev 3497'<br>Rwy 11L 3447' | <div>7000'</div> <div>MSA BR001</div> |  |  |
| MISSED APCH: Climb to 5000' on track 107°, then turn LEFT and climb to 6000' for holding at BR042.                                                                    |                           |                                                                           |                                    |                                 |                                       |  |  |
| Alt Set: hPa      Rwy Elev: 120 hPa      Trans level: By ATC      Trans alt: 7000'<br>1. Certified GNSS required.    2. Baro-VNAV procedure not authorized below 0°C. |                           |                                                                           |                                    |                                 |                                       |  |  |



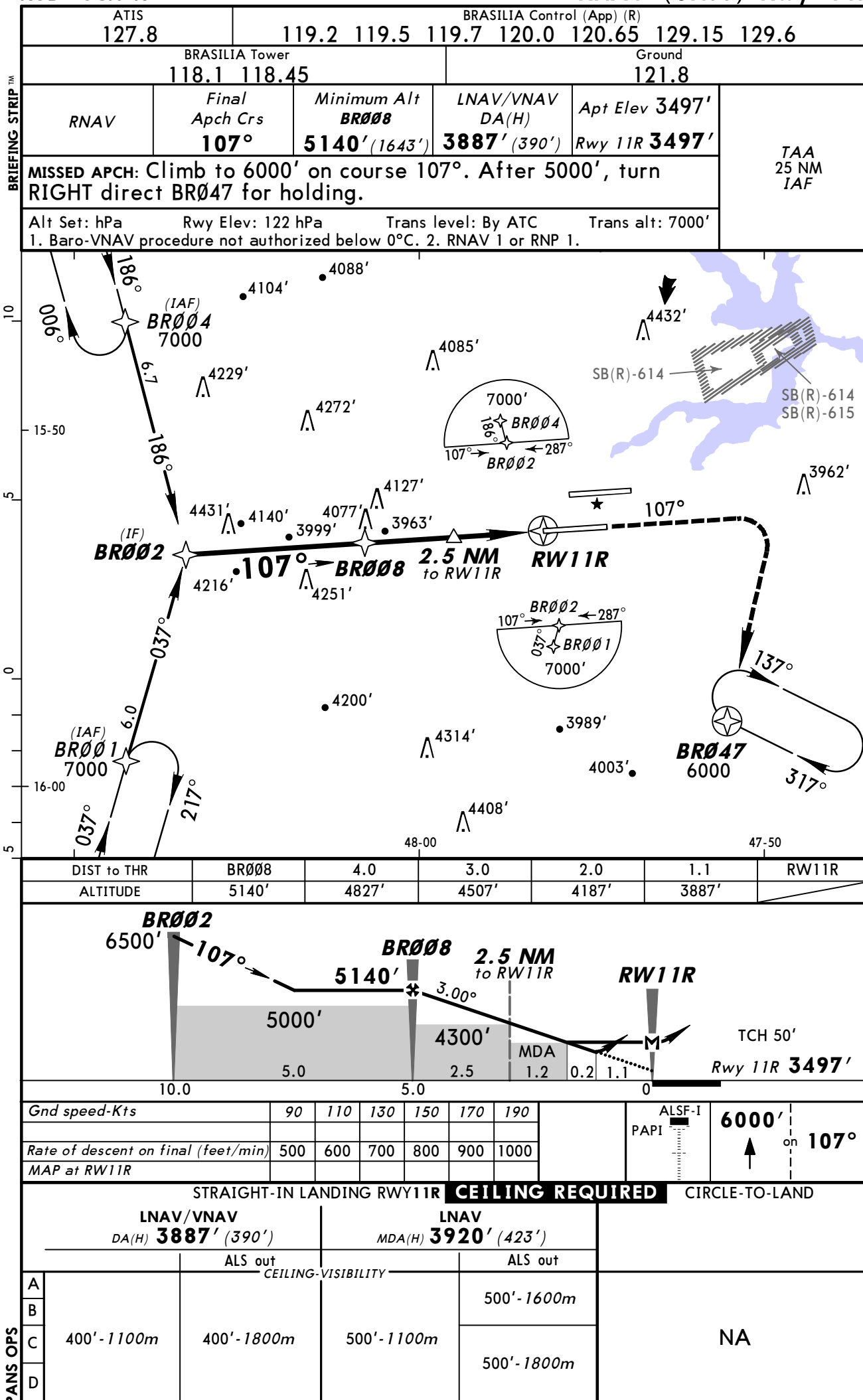
| RECOMMENDED ALTITUDES |          |
|-----------------------|----------|
| DIST to THR           | ALTITUDE |
| BR009                 | 5090'    |
| 4.0                   | 4769'    |
| 3.0                   | 4451'    |
| 2.0                   | 4133'    |
| 1.0                   | 3814'    |
| 0.9                   | 3796'    |
| RW11L                 | —        |



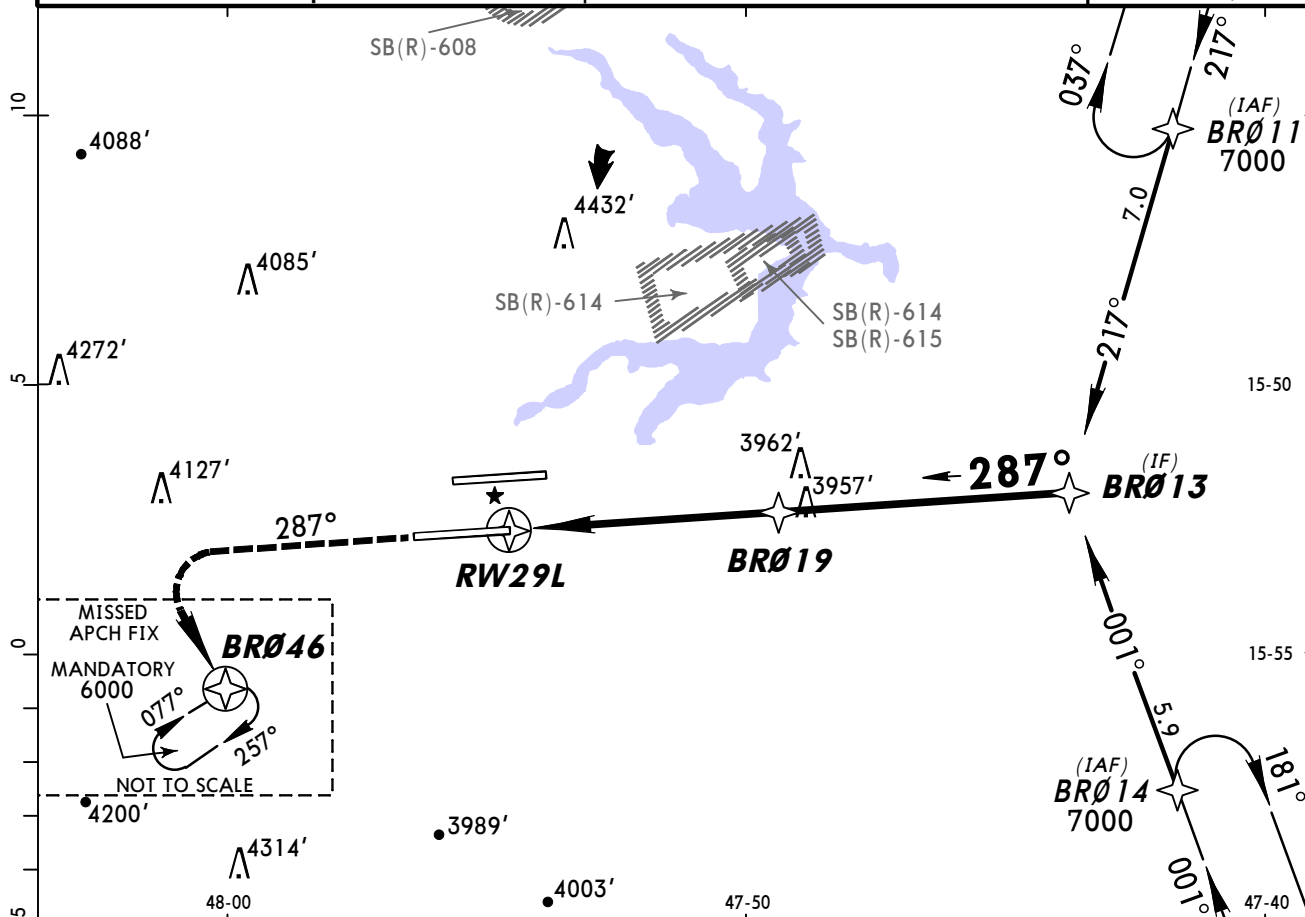
|                                     |     |     |     |     |     |      |                                         |
|-------------------------------------|-----|-----|-----|-----|-----|------|-----------------------------------------|
| Gnd speed-Kts                       | 90  | 110 | 130 | 150 | 170 | 190  | ALSF-I<br>REIL<br>PAPI<br>5000' on 107° |
| Rate of descent on final (feet/min) | 500 | 600 | 700 | 800 | 900 | 1000 |                                         |
| MAP at RW11L                        |     |     |     |     |     |      |                                         |

| STRAIGHT-IN LANDING RWY11L |           |  |                     |  | CEILING REQUIRED |  | CIRCLE-TO-LAND |  |
|----------------------------|-----------|--|---------------------|--|------------------|--|----------------|--|
| LNAV/VNAV                  |           |  | LNAV                |  |                  |  |                |  |
| DA(H) 3797' (350')         |           |  | MDA(H) 4040' (593') |  |                  |  |                |  |
|                            |           |  | ALS out             |  | ALS out          |  |                |  |
|                            |           |  | CEILING-VISIBILITY  |  |                  |  |                |  |
| A                          |           |  |                     |  | 600'-800m        |  | 600'-1600m     |  |
| B                          | 400'-800m |  | 400'-1600m          |  |                  |  | NA             |  |
|                            |           |  |                     |  |                  |  |                |  |
|                            |           |  |                     |  |                  |  |                |  |
| C                          |           |  |                     |  | 600'-2000m       |  | 600'-2700m     |  |
| D                          |           |  |                     |  |                  |  |                |  |

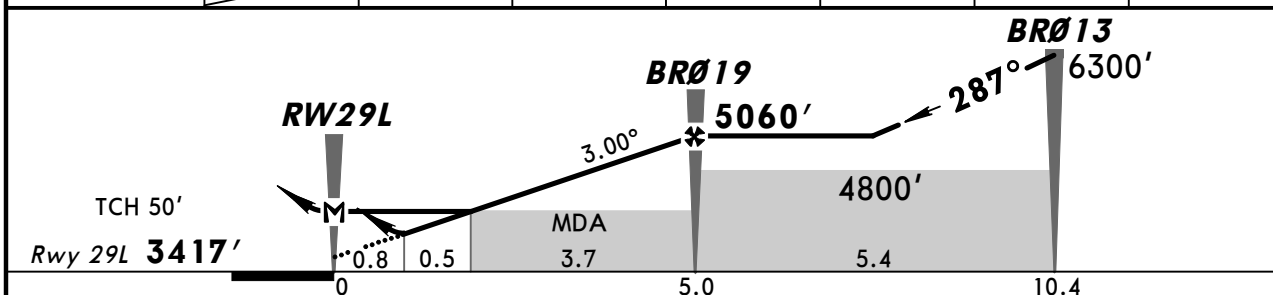
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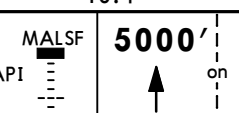


|                 |                                                                                                    |                           |                                                                           |                                    |                                 |                                                 |  |  |
|-----------------|----------------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------|------------------------------------|---------------------------------|-------------------------------------------------|--|--|
| BRIEFING STRIP™ | ATIS<br>127.8                                                                                      |                           | BRASILIA Control (App) (R)<br>119.2 119.5 119.7 120.0 120.65 129.15 129.6 |                                    |                                 |                                                 |  |  |
|                 | BRASILIA Tower<br>118.1 118.45                                                                     |                           |                                                                           |                                    | Ground<br>121.8                 |                                                 |  |  |
|                 | RNAV                                                                                               | Final<br>Apch Crs<br>287° | Minimum Alt<br>BRØ19<br>5060' (1643')                                     | LNAV/VNAV<br>DA(H)<br>3727' (310') | Apt Elev 3497'<br>Rwy 29L 3417' | <div><div>7000'</div><div>MSA BRØ11</div></div> |  |  |
|                 | MISSED APCH: Climb to 5000' on track 287°, then turn LEFT and climb to 6000' for holding at BRØ46. |                           |                                                                           |                                    |                                 |                                                 |  |  |
|                 | Alt Set: hPa                                                                                       |                           | Rwy Elev: 119 hPa                                                         | Trans level: By ATC                |                                 |                                                 |  |  |
|                 | 1. Certified GNSS required. 2. Baro-VNAV procedure not authorized below 0°C.                       |                           |                                                                           |                                    |                                 | Trans alt: 7000'                                |  |  |



|                    |              |              |              |              |              |              |              |
|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>DIST to THR</b> | <b>RW29L</b> | <b>0.8</b>   | <b>1.0</b>   | <b>2.0</b>   | <b>3.0</b>   | <b>4.0</b>   | <b>BRØ19</b> |
| <b>ALTITUDE</b>    |              | <b>3728'</b> | <b>3786'</b> | <b>4105'</b> | <b>4423'</b> | <b>4741'</b> | <b>5060'</b> |

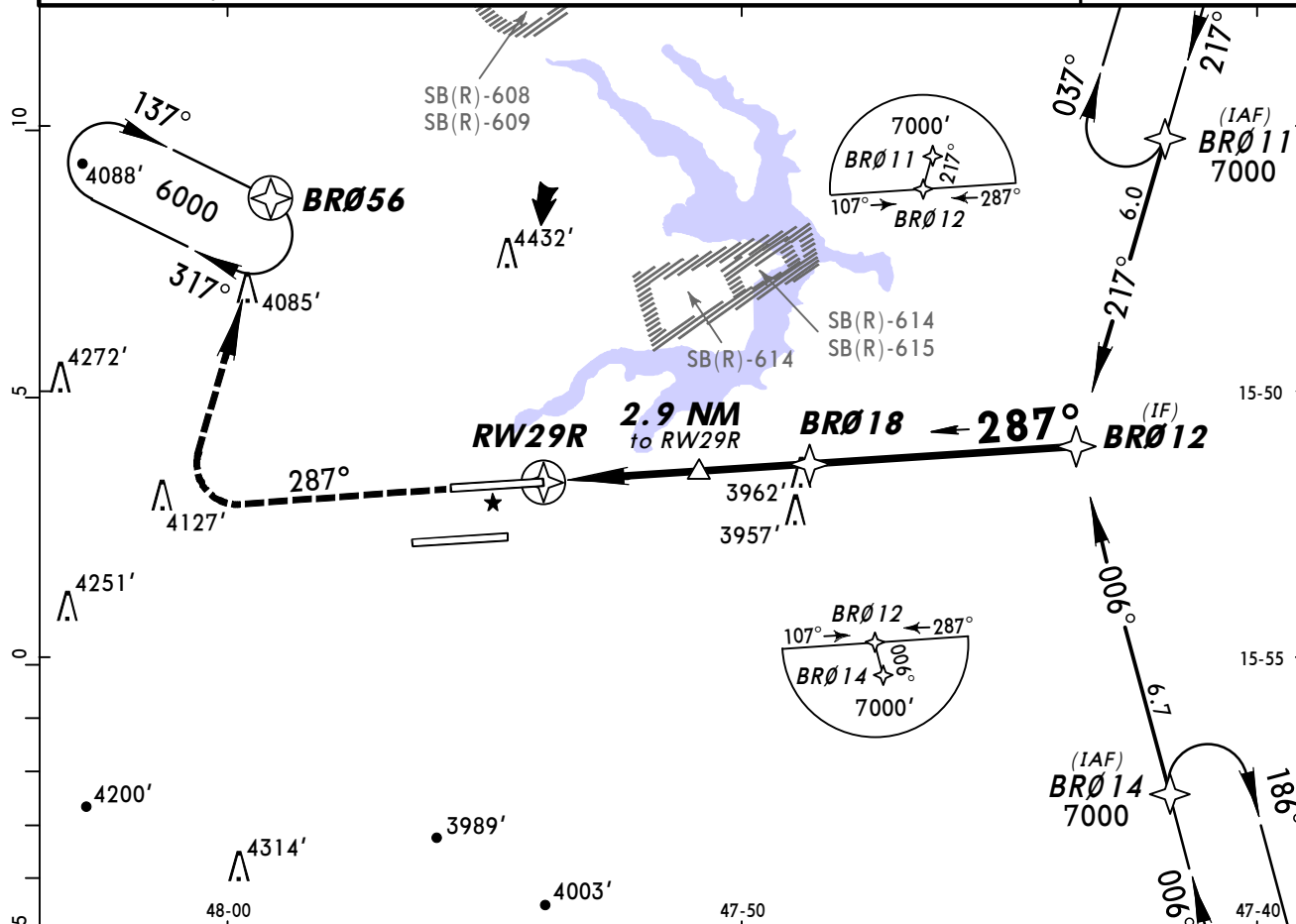


|                                            |            |            |            |            |            |             |                                                                                       |
|--------------------------------------------|------------|------------|------------|------------|------------|-------------|---------------------------------------------------------------------------------------|
| <b>Gnd speed-Kts</b>                       | <b>90</b>  | <b>110</b> | <b>130</b> | <b>150</b> | <b>170</b> | <b>190</b>  |  |
| <b>Rate of descent on final (feet/min)</b> | <b>500</b> | <b>600</b> | <b>700</b> | <b>800</b> | <b>900</b> | <b>1000</b> |                                                                                       |
| <b>MAP at RW29L</b>                        |            |            |            |            |            |             |                                                                                       |

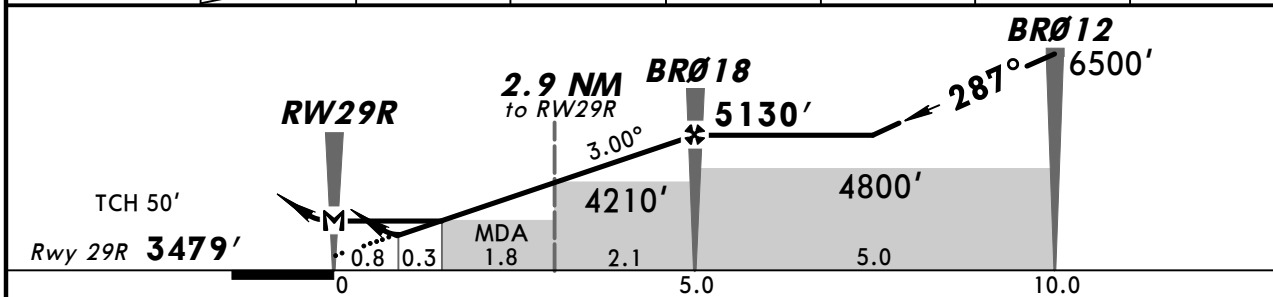
| STRAIGHT-IN LANDING RWY29L |            |                     |            | CEILING REQUIRED |    | CIRCLE-TO-LAND |  |  |
|----------------------------|------------|---------------------|------------|------------------|----|----------------|--|--|
| LNAV/VNAV                  |            | LNAV                |            |                  |    |                |  |  |
| DA(H) 3727' (310')         |            | MDA(H) 3890' (473') |            |                  |    |                |  |  |
| ALS out                    |            | ALS out             |            |                  |    |                |  |  |
| CEILING-VISIBILITY         |            |                     |            |                  |    |                |  |  |
| A                          | 400'-1600m |                     | 500'-1600m |                  | NA |                |  |  |
| B                          |            |                     |            |                  |    |                |  |  |
| C                          |            |                     |            |                  |    |                |  |  |
| D                          |            |                     | 500'-2200m |                  |    |                |  |  |

BRIEFING STRIP™

|                                                                                              |                           |                                                                           |                                    |                  |                     |  |  |
|----------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------|------------------------------------|------------------|---------------------|--|--|
| ATIS<br>127.8                                                                                |                           | BRASILIA Control (App) (R)<br>119.2 119.5 119.7 120.0 120.65 129.15 129.6 |                                    |                  |                     |  |  |
| BRASILIA Tower<br>118.1 118.45                                                               |                           |                                                                           |                                    | Ground<br>121.8  |                     |  |  |
| RNAV                                                                                         | Final<br>Apch Crs<br>287° | Minimum Alt<br>BRØ18<br>5130' (1651')                                     | LNAV/VNAV<br>DA(H)<br>3782' (303') | Apt Elev 3497'   | TAA<br>25 NM<br>IAF |  |  |
| MISSED APCH: Climb to 6000' on course 287°. After 5000', turn<br>RIGHT for holding at BRØ56. |                           |                                                                           |                                    |                  |                     |  |  |
| Alt Set: hPa                                                                                 |                           | Rwy Elev: 121 hPa                                                         | Trans level: By ATC                | Trans alt: 7000' |                     |  |  |
| 1. Baro-VNAV procedure not authorized below 0°C.                                             |                           |                                                                           |                                    |                  |                     |  |  |



|             |       |       |       |       |       |       |       |
|-------------|-------|-------|-------|-------|-------|-------|-------|
| DIST to THR | RW29R | 0.8   | 1.0   | 2.0   | 3.0   | 4.0   | BRØ18 |
| ALTITUDE    |       | 3782' | 3847' | 4166' | 4484' | 4803' | 5130' |

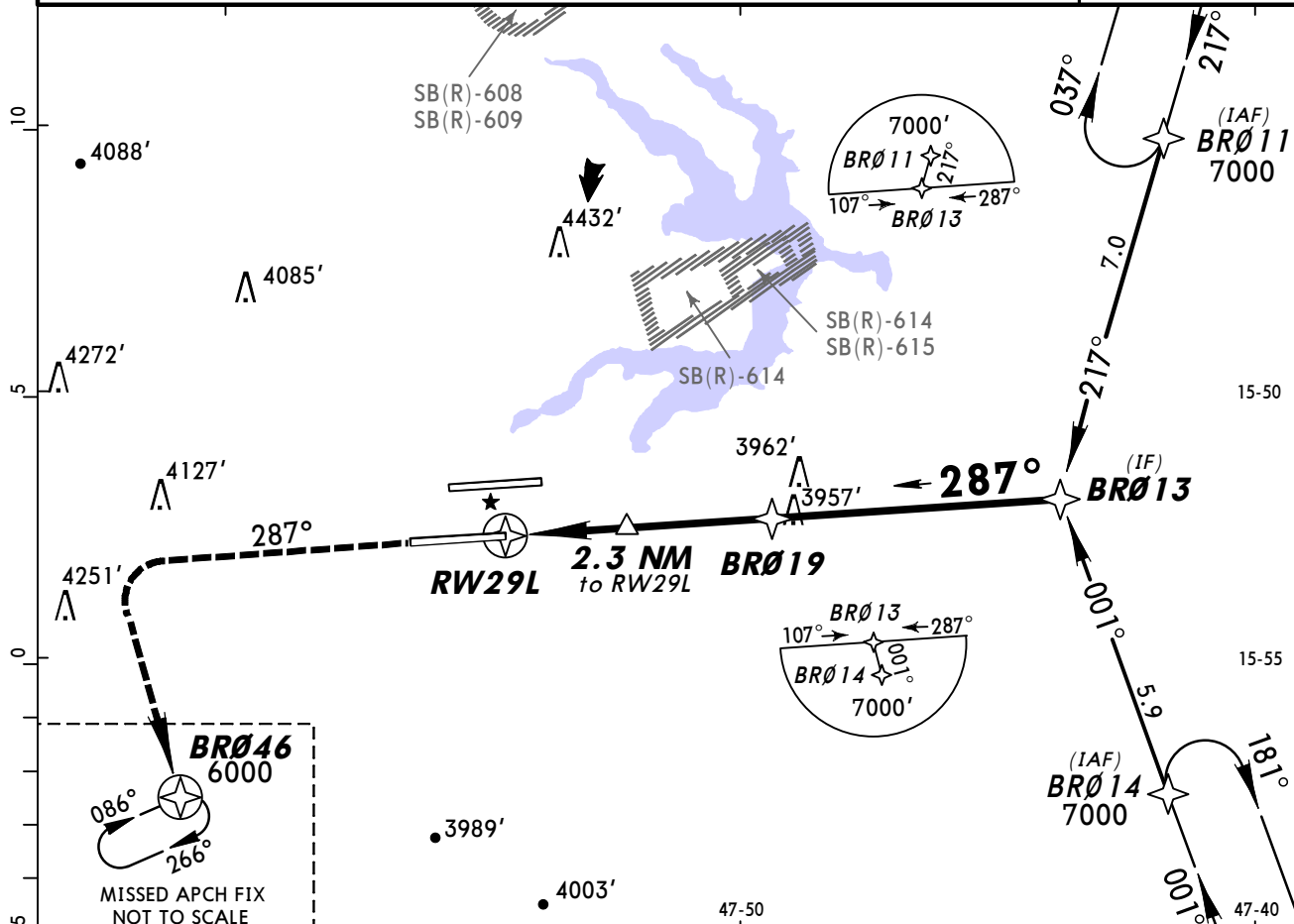


|                                     |     |     |     |     |     |      |                                                         |
|-------------------------------------|-----|-----|-----|-----|-----|------|---------------------------------------------------------|
| Gnd speed-Kts                       | 90  | 110 | 130 | 150 | 170 | 190  | MALSF<br>REIL<br>PAPI<br><b>6000'</b><br>on <b>287°</b> |
| Rate of descent on final (feet/min) | 500 | 600 | 700 | 800 | 900 | 1000 |                                                         |
| MAP at RW29R                        |     |     |     |     |     |      |                                                         |

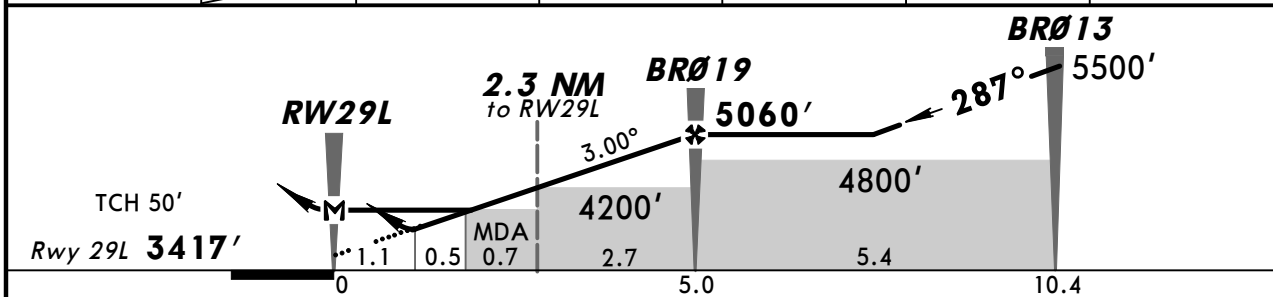
| STRAIGHT-IN LANDING RWY 29R     |              |              |                             | CEILING REQUIRED |              | CIRCLE-TO-LAND |  |
|---------------------------------|--------------|--------------|-----------------------------|------------------|--------------|----------------|--|
| LNAV/VNAV<br>DA(H) 3782' (303') |              |              | LNAV<br>MDA(H) 3880' (401') |                  |              | NA             |  |
| ALS out                         |              |              | ALS out                     |                  |              |                |  |
| CEILING-VISIBILITY              |              |              |                             |                  |              |                |  |
| A                               | 400' - 1200m | 400' - 1400m | 400' - 1200m                |                  | 400' - 1600m |                |  |
| B                               |              |              | 400' - 1600m                |                  | 400' - 1800m |                |  |
| C                               |              |              | 400' - 1600m                |                  | 400' - 1800m |                |  |
| D                               |              |              |                             |                  |              |                |  |

BRIEFING STRIP

|                                                                                                                                                            |                           |                                                                                 |                                    |                                 |                     |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------|------------------------------------|---------------------------------|---------------------|--|--|--|
| ATIS<br>127.8                                                                                                                                              |                           | BRASILIA Control (App) (R)<br>119.2 119.5 119.7 120.0 120.3 120.65 129.15 129.6 |                                    |                                 |                     |  |  |  |
| BRASILIA Tower<br>118.1 118.45                                                                                                                             |                           |                                                                                 |                                    | Ground<br>121.8                 |                     |  |  |  |
| RNAV                                                                                                                                                       | Final<br>Apch Crs<br>287° | Minimum Alt<br>BRØ19<br>5060' (1643')                                           | LNAV/VNAV<br>DA(H)<br>3815' (398') | Apt Elev 3497'<br>Rwy 29L 3417' | TAA<br>25 NM<br>IAF |  |  |  |
| MISSED APCH: Climb to 6000' on course 287°. After 5000', turn LEFT direct BRØ46 for holding.                                                               |                           |                                                                                 |                                    |                                 |                     |  |  |  |
| Alt Set: hPa      Rwy Elev: 119 hPa      Trans level: By ATC      Trans alt: 7000'<br>1. Baro-VNAV procedure not authorized below 0°C. 2. RNAV 1 or RNP 1. |                           |                                                                                 |                                    |                                 |                     |  |  |  |



|                    |              |       |       |       |       |              |
|--------------------|--------------|-------|-------|-------|-------|--------------|
| <b>DIST to THR</b> | <b>RW29L</b> | 1.1   | 2.0   | 3.0   | 4.0   | <b>BRØ19</b> |
| <b>ALTITUDE</b>    |              | 3816' | 4100' | 4420' | 4740' | 5060'        |



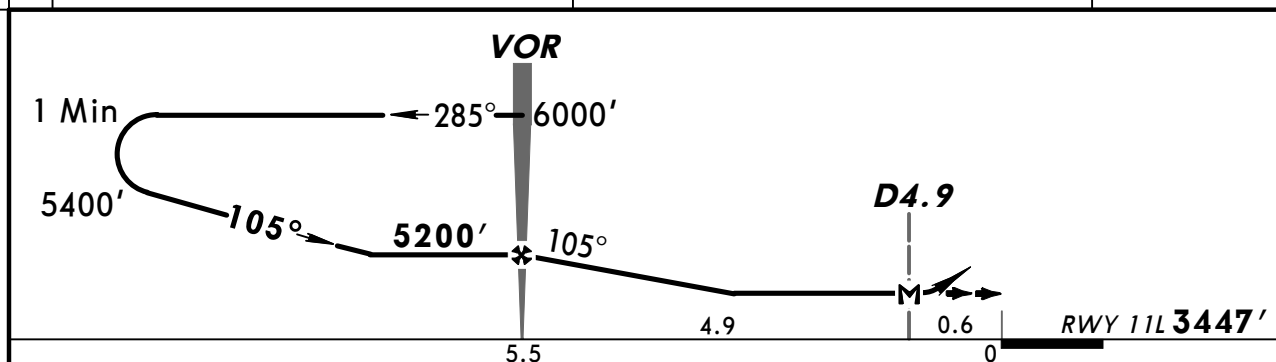
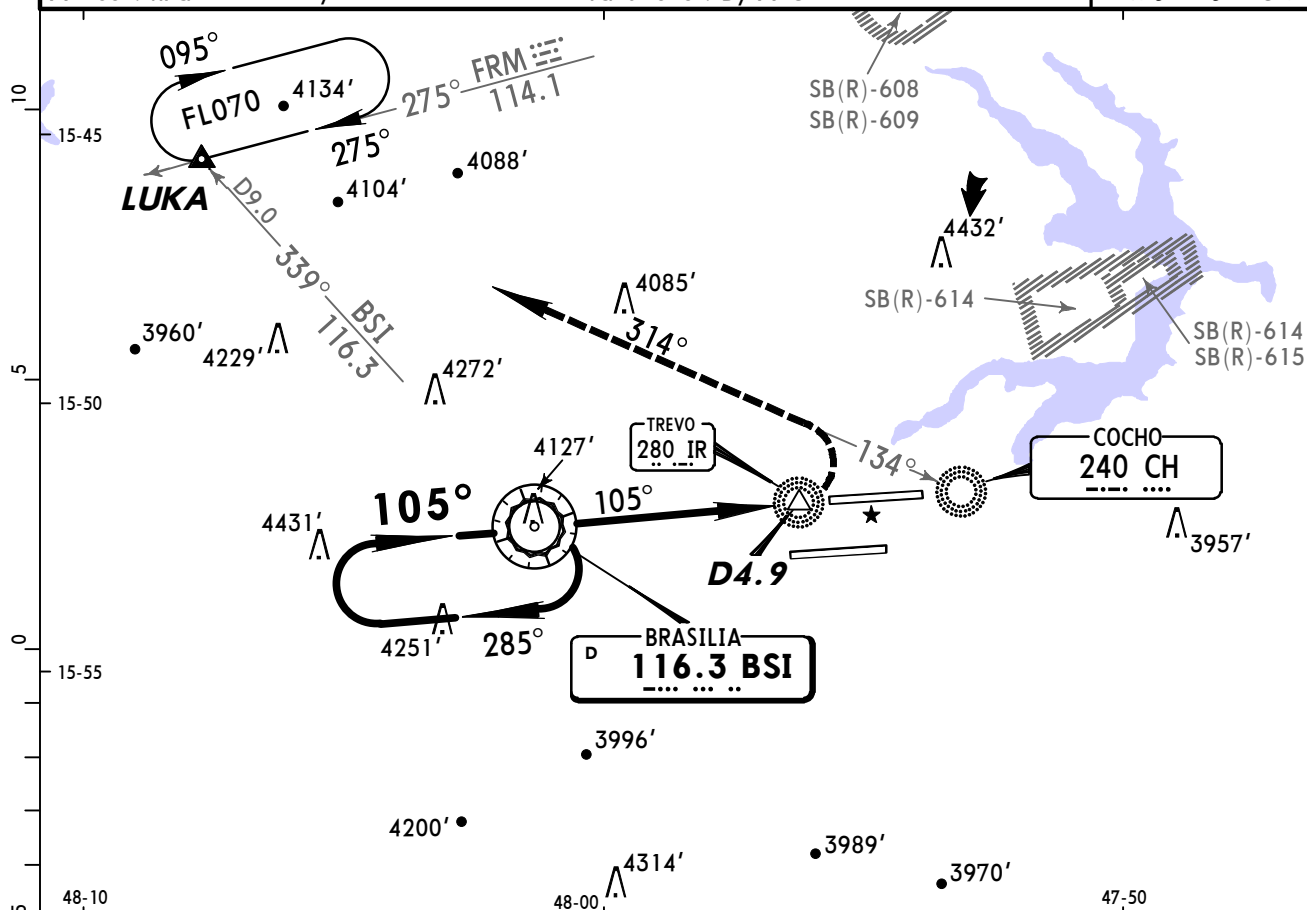
|                                            |     |     |     |     |     |      |                                                               |
|--------------------------------------------|-----|-----|-----|-----|-----|------|---------------------------------------------------------------|
| <b>Gnd speed-Kts</b>                       | 90  | 110 | 130 | 150 | 170 | 190  | <b>MALSF</b><br><b>PAPI</b><br><b>6000'</b><br><b>on 287°</b> |
| <b>Rate of descent on final (feet/min)</b> | 500 | 600 | 700 | 800 | 900 | 1000 |                                                               |
| <b>MAP at RW29L</b>                        |     |     |     |     |     |      |                                                               |

| STRAIGHT-IN LANDING RWY29L |              |                    |                     | CEILING REQUIRED |  | CIRCLE-TO-LAND |  |
|----------------------------|--------------|--------------------|---------------------|------------------|--|----------------|--|
| LNAV/VNAV                  |              |                    | LNAV                |                  |  |                |  |
| DA(H) 3815' (398')         |              |                    | MDA(H) 3970' (553') |                  |  |                |  |
|                            |              | ALS out            |                     |                  |  |                |  |
|                            |              | CEILING-VISIBILITY |                     | ALS out          |  |                |  |
| A                          | 400' - 1100m | 400' - 1800m       | 600' - 1100m        | 600' - 1600m     |  | NA             |  |
| B                          |              |                    |                     |                  |  |                |  |
| C                          |              |                    |                     |                  |  |                |  |
| D                          |              |                    |                     | 600' - 1800m     |  |                |  |

PANS OPS

BRIEFING STRIP™

|                                                                                                        |                           |                                                                                 |                        |                                 |                                         |  |  |  |
|--------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------|------------------------|---------------------------------|-----------------------------------------|--|--|--|
| ATIS<br>127.8                                                                                          |                           | BRASILIA Control (App) (R)<br>119.2 119.5 119.7 120.0 120.3 120.65 129.15 129.6 |                        |                                 |                                         |  |  |  |
| BRASILIA Tower<br>118.1 118.45                                                                         |                           |                                                                                 |                        |                                 | Ground<br>121.8                         |  |  |  |
| VOR<br>BSI<br>116.3                                                                                    | Final<br>Apch Crs<br>105° | Minimum Alt<br>VOR<br>5200' (1753')                                             | MDA(H)<br>4140' (693') | Apt Elev 3497'<br>Rwy 11L 3447' | <div>6000'</div> <div>MSA BSI VOR</div> |  |  |  |
| MISSED APCH: Climb to FL070 in LEFT turn to intercept 314° bearing from CH NDB, head to LUKA and hold. |                           |                                                                                 |                        |                                 |                                         |  |  |  |
| Alt Set: hPa                                                                                           |                           | Rwy Elev: 120 hPa                                                               | Trans level: By ATC    | Trans alt: 7000'                |                                         |  |  |  |



| Gnd speed-Kts                       | 90  | 110  | 130  | 150  | 170  | 190  | ALS F-1   | FL070 | CH  | LUKA |
|-------------------------------------|-----|------|------|------|------|------|-----------|-------|-----|------|
| Rate of descent on final (feet/min) | 450 | 550  | 650  | 750  | 900  | 1050 | REIL PAPI | ←     | 240 |      |
| MAP at D4.9                         |     |      |      |      |      |      |           | 314°  |     |      |
| VOR to MAP                          | 4.9 | 3:16 | 2:40 | 2:15 | 1:57 | 1:43 | 1:32      |       |     |      |

| STRAIGHT-IN LANDING RWY11L |              |              |  | CEILING REQUIRED |              | CIRCLE-TO-LAND                                                  |  |
|----------------------------|--------------|--------------|--|------------------|--------------|-----------------------------------------------------------------|--|
| MDA(H) <b>4140'</b> (693') |              |              |  |                  |              | Landing Rwy 29R-<br>Circling Not Authorized<br>South of Airport |  |
|                            |              | ALS out      |  | Max<br>Kts       | MDA(H)       | CEIL-VIS                                                        |  |
| A                          | 700' - 800m  | 700' - 1600m |  | 100              | 4140' (643') | 700' - 1600m                                                    |  |
| B                          | 700' - 800m  | 700' - 1600m |  | 135              | 4140' (643') | 700' - 1600m                                                    |  |
| C                          | 700' - 2400m | 700' - 3200m |  | 180              | 4140' (643') | 700' - 3200m                                                    |  |
| D                          | 700' - 2800m | 700' - 3600m |  | 205              | 4360' (863') | 900' - 4800m                                                    |  |

SBBR/BSB

PRES JUSCELINO KUBITSCHKE INTL

24 OCT 14

(13-2)

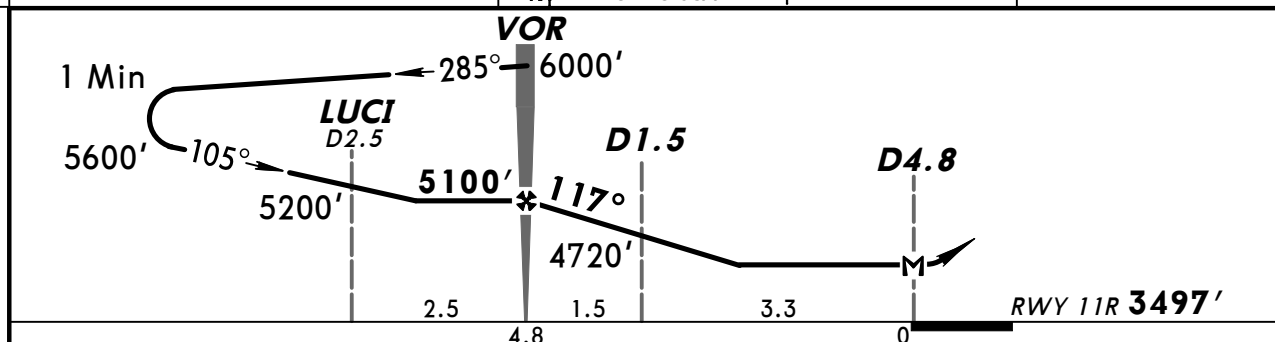
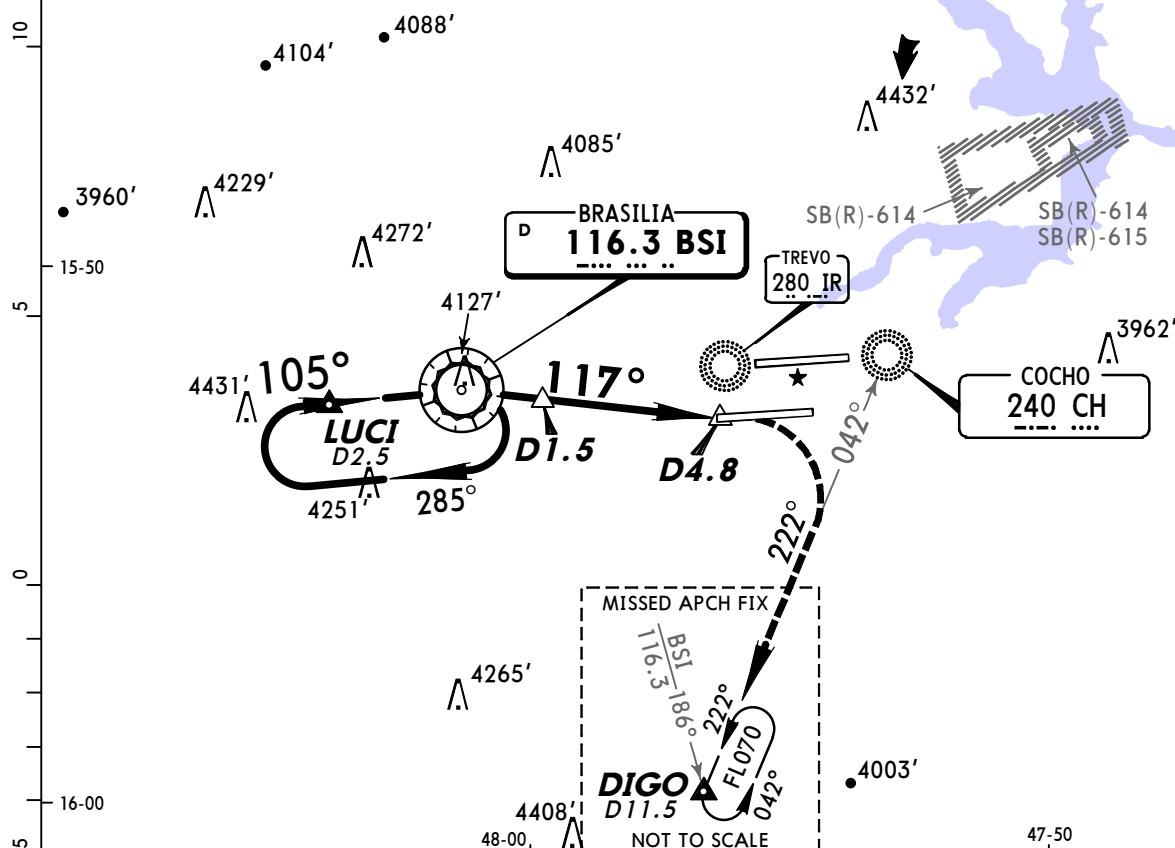
JEPPESEN

BRASILIA, BRAZIL

VOR Rwy 11R

BRIEFING STRIP™

|                                                                                         |                           |                                                                                 |                                   |                     |                                     |                  |                  |             |  |
|-----------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------|-----------------------------------|---------------------|-------------------------------------|------------------|------------------|-------------|--|
| ATIS<br>127.8                                                                           |                           | BRASILIA Control (App) (R)<br>119.2 119.5 119.7 120.0 120.3 120.65 129.15 129.6 |                                   |                     |                                     |                  |                  |             |  |
| BRASILIA Tower<br>118.1 118.45                                                          |                           |                                                                                 |                                   |                     | Ground<br>121.8                     |                  |                  |             |  |
| VOR<br>BSI<br>116.3                                                                     | Final<br>Apch Crs<br>117° | Minimum Alt<br>VOR<br>5100' (1603')                                             | VOR DME<br>MDA(H)<br>3970' (473') |                     | Apt Elev 3497'<br><br>Rwy 11R 3497' |                  | <div>6000'</div> |             |  |
|                                                                                         |                           |                                                                                 | VOR<br>MDA(H)<br>4350' (853')     |                     |                                     |                  |                  |             |  |
| MISSED APCH: Climb to FL070 in RIGHT turn to 222° bearing from CH NDB to DIGO and hold. |                           |                                                                                 |                                   |                     |                                     |                  |                  |             |  |
| Alt Set: hPa                                                                            |                           | Rwy Elev: 122 hPa                                                               |                                   | Trans level: By ATC |                                     | Trans alt: 7000' |                  |             |  |
|                                                                                         |                           |                                                                                 |                                   |                     |                                     |                  |                  | MSA BSI VOR |  |



|                                     |     |      |      |      |      |      |                 |             |                   |      |
|-------------------------------------|-----|------|------|------|------|------|-----------------|-------------|-------------------|------|
| Gnd speed-Kts                       | 90  | 110  | 130  | 150  | 170  | 190  | ALSIF-I<br>PAPI | FL070<br>RT | CH<br>240<br>222° | DIGO |
| Rate of descent on final (feet/min) | 550 | 650  | 750  | 900  | 1000 | 1100 |                 |             |                   |      |
| MAP at D4.8                         |     |      |      |      |      |      |                 |             |                   |      |
| VOR to MAP                          | 4.8 | 3:00 | 2:27 | 2:05 | 1:48 | 1:35 |                 |             |                   |      |

| STRAIGHT-IN LANDING RWY11R            |              |                                   |  | CEILING REQUIRED |  | CIRCLE-TO-LAND                                                   |               |
|---------------------------------------|--------------|-----------------------------------|--|------------------|--|------------------------------------------------------------------|---------------|
| VOR DME<br>MDA(H) <b>3970'</b> (473') |              | VOR<br>MDA(H) <b>4350'</b> (853') |  | Max Kts          |  | Landing Rwy 29L -<br>Circling Not Authorized<br>North of Airport |               |
| ALS out                               |              | ALS out                           |  |                  |  |                                                                  |               |
| CEILING-VISIBILITY                    |              |                                   |  |                  |  |                                                                  |               |
| A                                     | 500' - 1600m | 900' - 1600m                      |  | 100              |  | 4350' (853')                                                     | 900' - 1900m  |
| B                                     | 500' - 1600m | 900' - 2000m                      |  | 135              |  | 4350' (853')                                                     | 900' - 2800m  |
| C                                     | 500' - 2000m | 900' - 4000m                      |  | 180              |  | 4450' (953')                                                     | 1000' - 3700m |
| D                                     | 500' - 2400m | 900' - 4400m                      |  | 205              |  | 4530' (1033')                                                    | 1100' - 4600m |

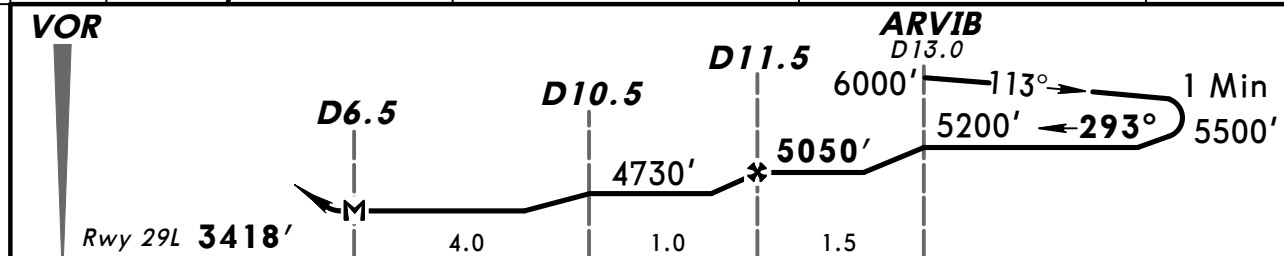
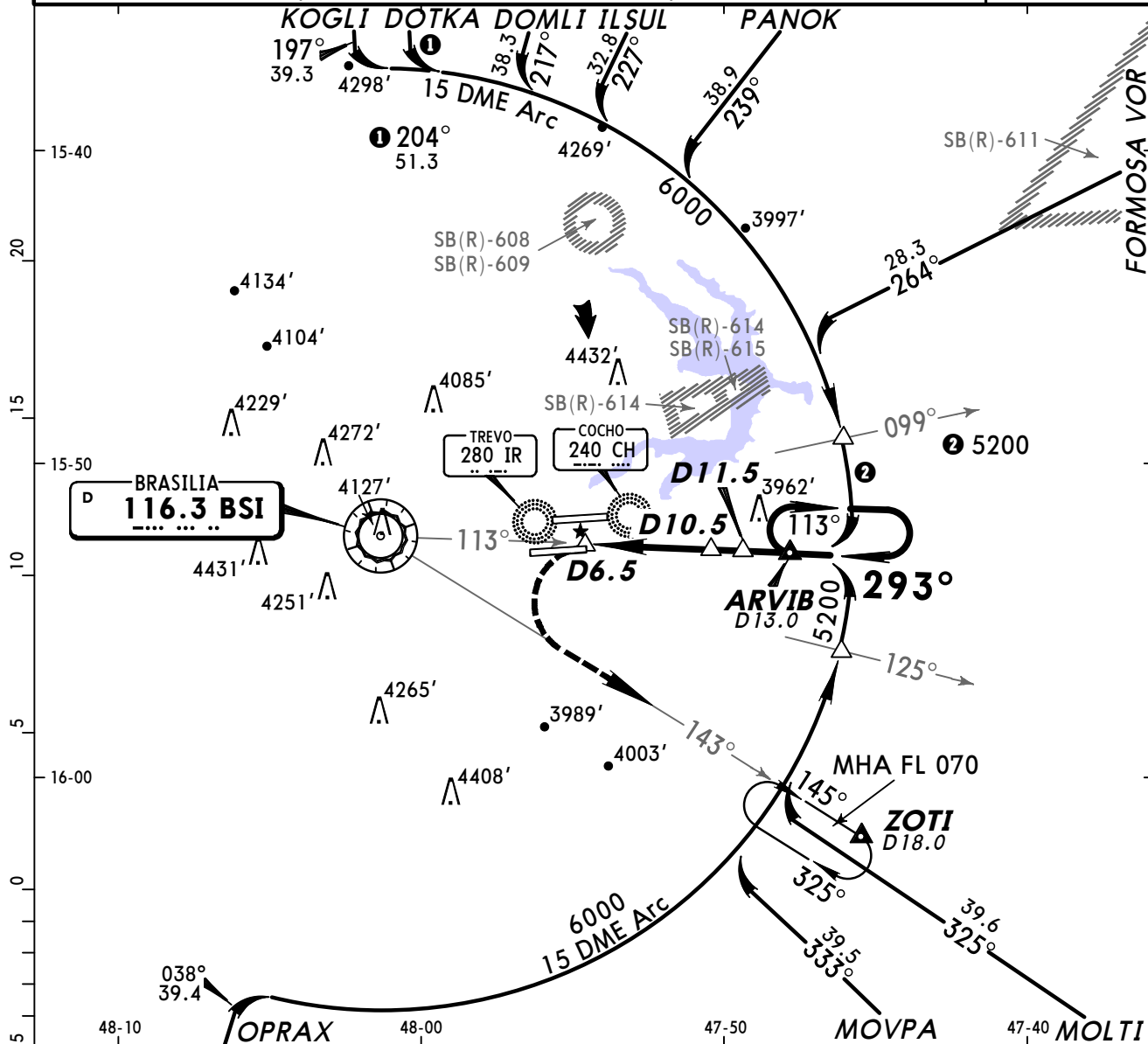
PANS OPS 4

CHANGES: ALSIF-1 added.

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BRIEFING STRIP™

|                                                                                       |                           |                                                                                 |                        |                                 |       |  |  |             |
|---------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------|------------------------|---------------------------------|-------|--|--|-------------|
| ATIS<br>127.8                                                                         |                           | BRASILIA Control (App) (R)<br>119.2 119.5 119.7 120.0 120.3 120.65 129.15 129.6 |                        |                                 |       |  |  |             |
| BRASILIA Tower<br>118.1 118.45                                                        |                           |                                                                                 |                        | Ground<br>121.8                 |       |  |  |             |
| VOR<br>BSI<br>116.3                                                                   | Final<br>Apch Crs<br>293° | Minimum Alt<br>D11.5<br>5050' (1632')                                           | MDA(H)<br>3970' (552') | Apt Elev 3497'<br>Rwy 29L 3418' | 6000' |  |  |             |
| MISSED APCH: Climb to FL 070 in LEFT turn outbound on BSI VOR R-143 to ZOTI and hold. |                           |                                                                                 |                        |                                 |       |  |  |             |
| Alt Set: hPa                                                                          |                           | Rwy Elev: 119 hPa                                                               | Trans level: By ATC    | Trans alt: 7000'                |       |  |  | MSA BSI VOR |



|                                    |     |      |      |      |      |      |        |                                                           |                       |      |
|------------------------------------|-----|------|------|------|------|------|--------|-----------------------------------------------------------|-----------------------|------|
| Gnd speed-Kts                      | 90  | 110  | 130  | 150  | 170  | 190  | PAPI-L | <div>FL 070</div> <div><div>←</div>on</div> <div>LT</div> | BSI<br>116.3<br>R-143 | ZOTI |
| Rate of descent on final(feet/min) | 500 | 600  | 700  | 800  | 900  | 1000 |        |                                                           |                       |      |
| MAP at D6.5                        |     |      |      |      |      |      |        |                                                           |                       |      |
| D11.5 to MAP                       | 5.0 | 3:20 | 2:44 | 2:18 | 2:00 | 1:46 |        |                                                           |                       |      |

| STRAIGHT-IN LANDING RWY29L |            |  |  | CEILING REQUIRED |               | CIRCLE-TO-LAND                                             |  |
|----------------------------|------------|--|--|------------------|---------------|------------------------------------------------------------|--|
| MDA(H) <b>3970'</b> (552') |            |  |  | Max Kts          |               | Landing Rwy 11R - Circling Not Authorized North of Airport |  |
| CEILING-VISIBILITY         |            |  |  |                  |               | MDA(H) CEIL-VIS                                            |  |
| A                          | 600'-1600m |  |  | 100              | 4140' (643')  | 700'-1900m                                                 |  |
| B                          |            |  |  | 135              | 4350' (853')  | 900'-2800m                                                 |  |
| C                          | 600'-2400m |  |  | 180              | 4450' (953')  | 1000'-3700m                                                |  |
| D                          | 600'-2800m |  |  | 205              | 4530' (1033') | 1100'-4600m                                                |  |

(R)

|       |        |       |
|-------|--------|-------|
| 20.65 | 129.15 | 129.6 |
|-------|--------|-------|

119.2 119.5 119.7 120.0 120.3 120.65 129.15 129.6

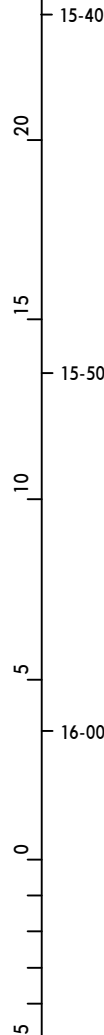
Ground  
121.8

Apt Elev 3497'  
Rwy 29R **3479'**

6000'

**MISSED APCH:** Climb to FL 070 in RIGHT turn to intercept CH NDB 320° bearing, then intercept outbound BSI VOR R-041 to BUBA/D10.0 and hold.

*MSA BSI VOR*



**Rwy 29R 3479'**

CH  
240  
320'

**CIRCLE-TO-LAND**  
Landing Rwy 11L - Circling Not  
Authorized South of Airport

MDA(H) \_\_\_\_\_ CEIL-VIS \_\_\_\_\_

CEIL-VIS

800' - 1600m

333 100cm

800' - 3200m

---

900' - 1800m

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SBBR/BSB

JEPPESEN

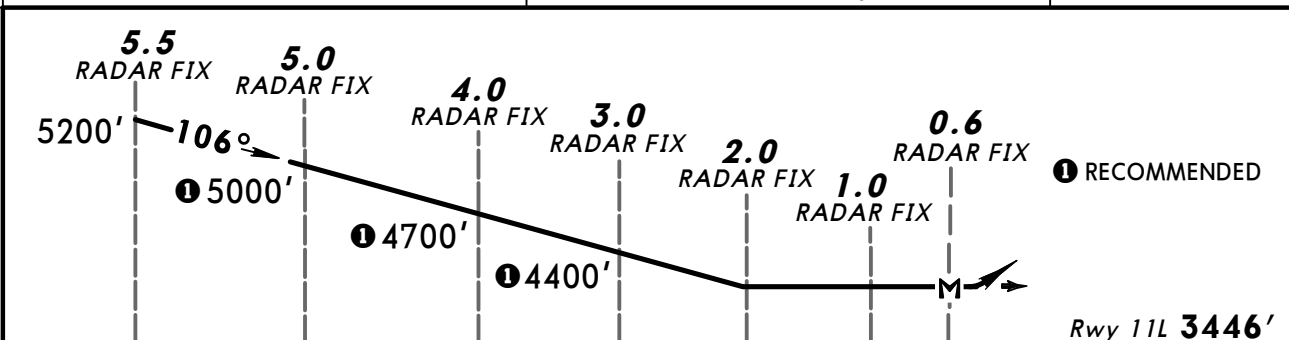
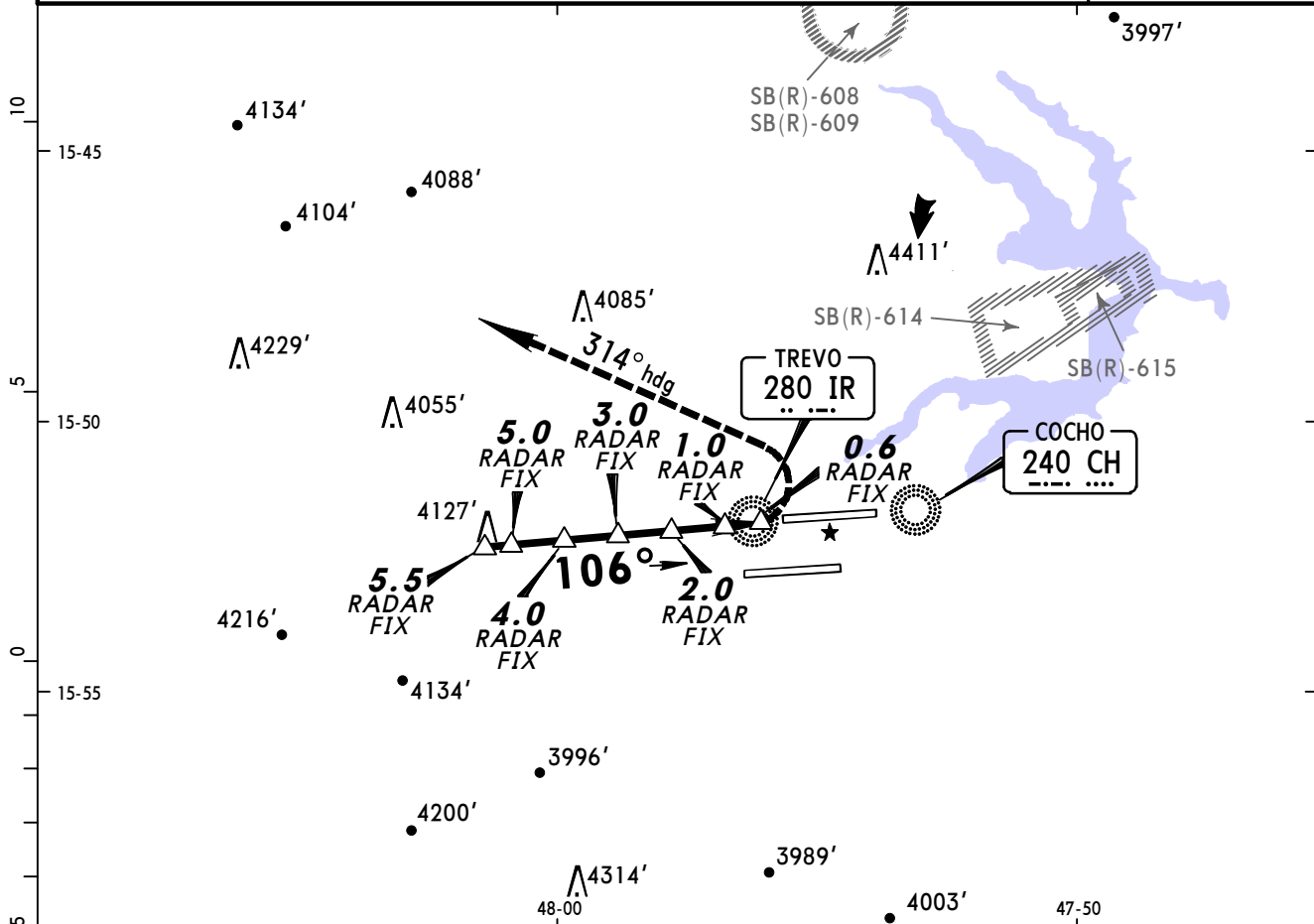
BRASILIA, BRAZIL

12 APR 13 (18-1)

PRES JUSCELINO KUBITSCHKE INTL

RADAR Rwy 11L

|                 |                                                     |                           |                                                                                 |                        |                                 |                     |  |  |                  |
|-----------------|-----------------------------------------------------|---------------------------|---------------------------------------------------------------------------------|------------------------|---------------------------------|---------------------|--|--|------------------|
| BRIEFING STRIP™ | ATIS<br>127.8                                       |                           | BRASILIA Control (App) (R)<br>119.2 119.5 119.7 120.0 120.3 120.65 129.15 129.6 |                        |                                 |                     |  |  |                  |
|                 | BRASILIA Tower<br>118.1 118.45                      |                           |                                                                                 |                        | Ground<br>121.8                 |                     |  |  |                  |
|                 | RADAR                                               | Final<br>Apch Crs<br>106° | No FAF                                                                          | MDA(H)<br>4140' (694') | Apt Elev 3497'<br>Rwy 11L 3446' | No MSA<br>published |  |  |                  |
|                 | MISSED APCH: Climb to 7000' LEFT turn heading 314°. |                           |                                                                                 |                        |                                 |                     |  |  |                  |
|                 | Alt Set: hPa                                        |                           | Rwy Elev: 120 hPa                                                               | Trans level: By ATC    |                                 |                     |  |  | Trans alt: 7000' |



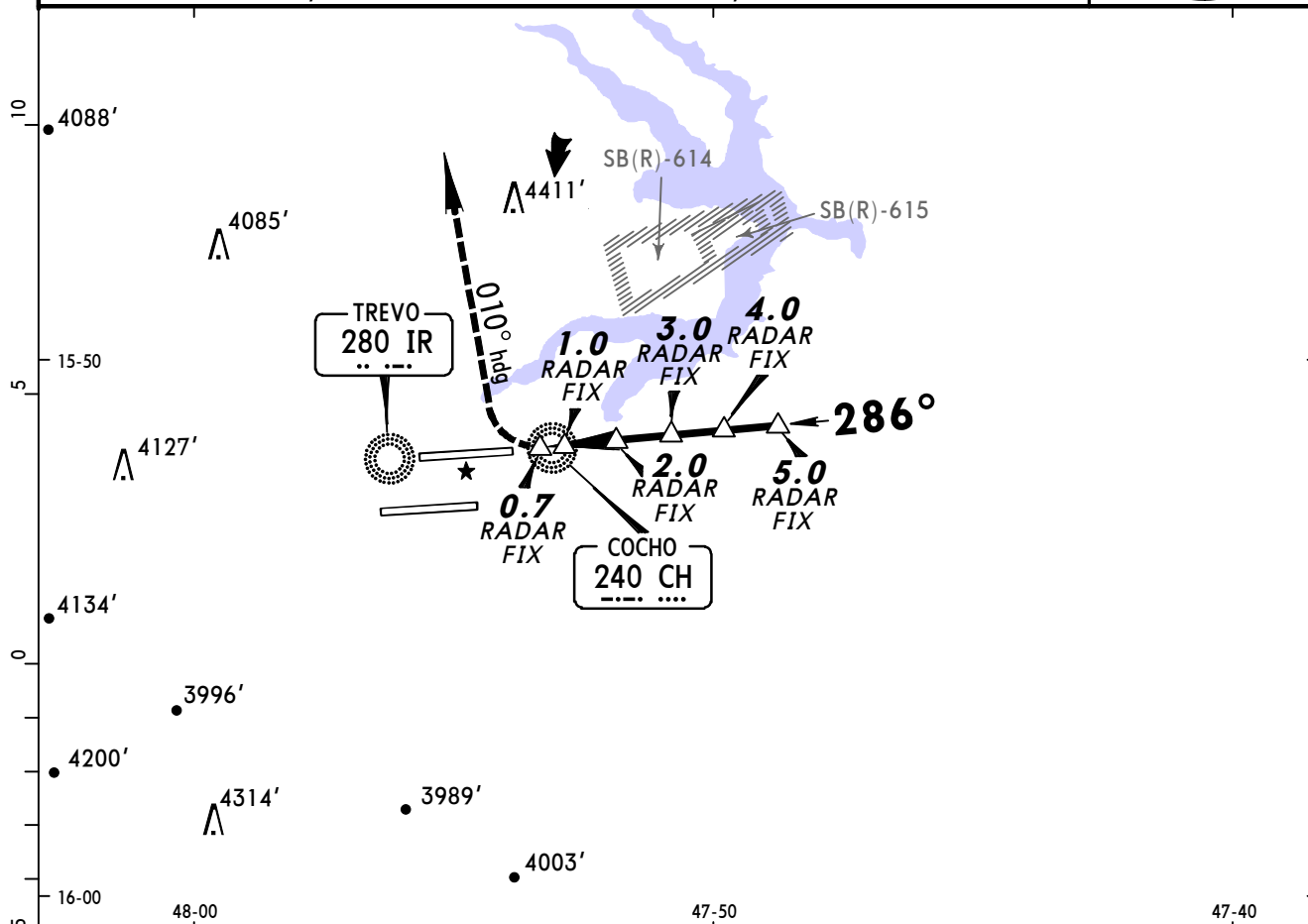
|                                     |     |     |     |     |     |     |                         |             |             |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-------------------------|-------------|-------------|
| Gnd speed-Kts                       | 90  | 110 | 130 | 150 | 170 | 190 | ALSIF-I<br>REIL<br>PAPI | 7000'<br>LT | 314°<br>hdg |
| Rate of descent on final (feet/min) | 450 | 550 | 650 | 750 | 850 | 950 |                         |             |             |
| MAP at 0.6 RADAR FIX                |     |     |     |     |     |     |                         |             |             |

| STRAIGHT-IN LANDING RWY 11L |            |  |            | CEILING REQUIRED |        | CIRCLE-TO-LAND<br>Landing Rwy 29R-<br>Circling Not Authorized<br>South of Airport |            |
|-----------------------------|------------|--|------------|------------------|--------|-----------------------------------------------------------------------------------|------------|
| MDA(H) <b>4140'</b> (694')  |            |  |            | Max<br>Kts       | MDA(H) | CEIL-VIS                                                                          |            |
| CEILING-VISIBILITY          |            |  |            | ALS out          |        |                                                                                   |            |
| A                           | 700'-800m  |  | 700'-1600m |                  | 100    | 4140' (643')                                                                      | 700'-1600m |
| B                           | 700'-800m  |  | 700'-1600m |                  | 135    | 4140' (643')                                                                      | 700'-1600m |
| C                           | 700'-2400m |  | 700'-3200m |                  | 180    | 4140' (643')                                                                      | 700'-2800m |
| D                           | 700'-2800m |  | 700'-3600m |                  | 205    | 4360' (863')                                                                      | 900'-4800m |

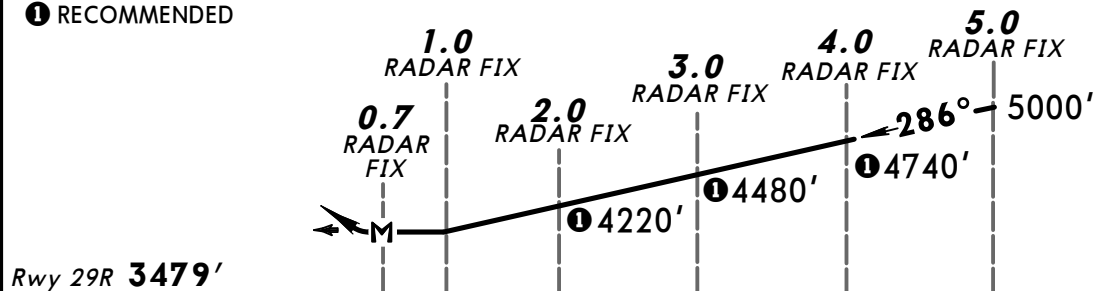
CHANGES: XMA VOR, BRS NDB removed.

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|                 |                                                      |                           |                                                                                 |                        |                 |                                 |  |  |                  |
|-----------------|------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------|------------------------|-----------------|---------------------------------|--|--|------------------|
| BRIEFING STRIP™ | ATIS<br>127.8                                        |                           | BRASILIA Control (App) (R)<br>119.2 119.5 119.7 120.0 120.3 120.65 129.15 129.6 |                        |                 |                                 |  |  |                  |
|                 | BRASILIA Tower<br>118.1 118.45                       |                           |                                                                                 |                        | Ground<br>121.8 |                                 |  |  |                  |
|                 | RADAR                                                | Final<br>Apch Crs<br>286° | No FAF                                                                          | MDA(H)<br>4150' (671') | Apt Elev 3497'  | <div>No MSA<br/>published</div> |  |  |                  |
|                 | Rwy 29R 3479'                                        |                           |                                                                                 |                        |                 |                                 |  |  |                  |
|                 | MISSED APCH: Climb to 7000' RIGHT turn heading 010°. |                           |                                                                                 |                        |                 |                                 |  |  |                  |
|                 | Alt Set: hPa                                         |                           | Rwy Elev: 121 hPa                                                               | Trans level: By ATC    |                 |                                 |  |  | Trans alt: 7000' |



## ① RECOMMENDED



|                                     |     |     |     |     |     |     |                       |             |             |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----------------------|-------------|-------------|
| Gnd speed-Kts                       | 90  | 110 | 130 | 150 | 170 | 190 | MALSR<br>REIL<br>PAPI | 7000'<br>RT | 010°<br>hdg |
| Rate of descent on final (feet/min) | 400 | 500 | 550 | 650 | 700 | 800 |                       |             |             |
| MAP at 0.7 RADAR FIX                |     |     |     |     |     |     |                       |             |             |

## STRAIGHT-IN LANDING RWY 29R

## CEILING REQUIRED

## CIRCLE-TO-LAND

Landing Rwy 11L -  
Circling Not Authorized  
South of Airport

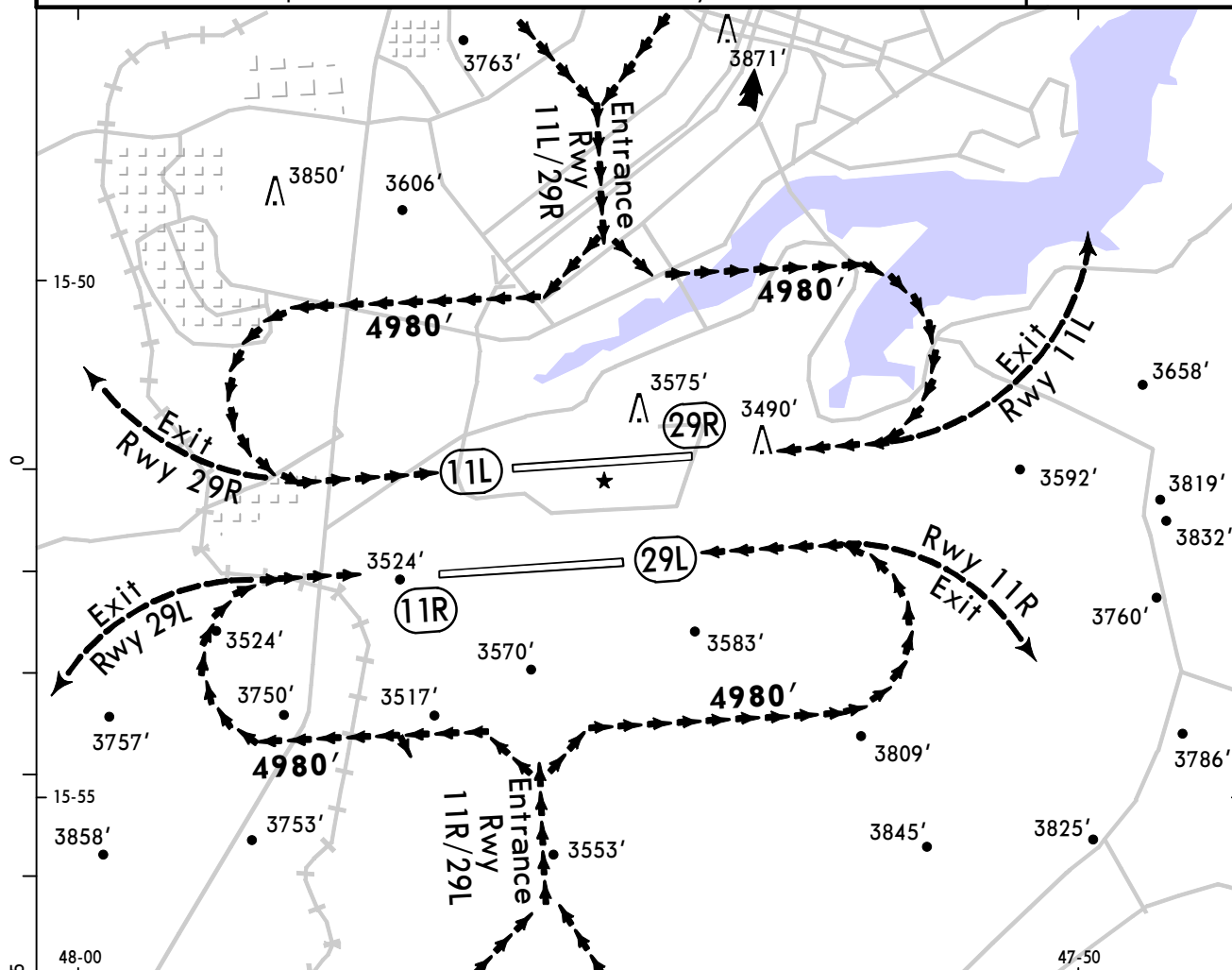
| MDA(H) 4150' (671') |            | ALS out |            | Max<br>Kts | MDA(H)       | CEIL-VIS   |
|---------------------|------------|---------|------------|------------|--------------|------------|
| CEILING-VISIBILITY  |            |         |            |            |              |            |
| A                   |            |         |            | 100        |              |            |
| B                   | 700'-800m  |         | 700'-1600m | 135        | 4150' (653') | 700'-1600m |
| C                   | 700'-2400m |         | 700'-3200m | 180        | 4150' (653') | 700'-3200m |
| D                   | 700'-2800m |         | 700'-3600m | 205        | 4360' (863') | 900'-4800m |

PRES JUSCELINO KUBITSCHEK INTL

Rwys 11L/29R 11R/29L

BRIEFING STRIP™

|                                            |                                      |                                                                                 |                      |                       |                 |                                         |  |  |
|--------------------------------------------|--------------------------------------|---------------------------------------------------------------------------------|----------------------|-----------------------|-----------------|-----------------------------------------|--|--|
| ATIS<br>127.8                              |                                      | BRASILIA Control (App) (R)<br>119.2 119.5 119.7 120.0 120.3 120.65 129.15 129.6 |                      |                       |                 |                                         |  |  |
| BRASILIA Tower<br>118.1 118.45             |                                      |                                                                                 |                      |                       | Ground<br>121.8 |                                         |  |  |
| NAVAIDS-<br>Refer to<br>Planview           | Final<br>Apch Crs<br>See<br>Planview | No FAF                                                                          | Refer to<br>Minimums | Apt Elev <b>3497'</b> |                 | <div>6000'</div> <div>MSA XMA VOR</div> |  |  |
| MISSED APCH: No Missed Approach procedure. |                                      |                                                                                 |                      |                       |                 |                                         |  |  |
| Alt Set: hPa                               |                                      | Apt Elev: 122 hPa                                                               |                      | Trans level: By ATC   |                 |                                         |  |  |
|                                            |                                      |                                                                                 |                      | Trans alt: 7000'      |                 |                                         |  |  |



## VISUAL APPROACH

## 1. Traffic Pattern Rwy 11L/29R.

- 1.1 Aircraft from sectors W, NW, N, NE and E: Entry to traffic pattern by Sector N of airport.
- 1.2 Aircraft from sectors SE, S, and SW: request Tower clearance to cross the airport and enter traffic pattern.
- 1.3 Departing Rwy 11L: Turn on the left compulsory, except when authorized by Tower.
- 1.4 Departing Rwy 29R: Turn on the right compulsory, except when authorized by Tower.
- 1.5 Departing Rwy 11L/29R: turn after 4000'.

## 2. Traffic Pattern Rwy 11R/29L.

- 2.1 Aircraft from sectors W, SW, S, SE and E: Entry to traffic pattern by Sector S of airport.
- 2.2 Aircraft from sectors NW, N, NE, and E: Request Tower clearance to cross the airport and enter traffic pattern.
- 2.3 Departing Rwy 11R: Turn on the right compulsory, except when authorized by Tower.
- 2.4 Departing Rwy 29L: Turn on the left compulsory, except when authorized by Tower.
- 2.5 Departing Rwy 11R/29L: turn after 4000'.

## 3. Noise abatement procedure:

- 3.1 Execute specific procedure of equipment.
- 3.2 Maintain V2+10 Kts until crossing 6000'.

**Chart changes since cycle 26-2014**

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

| ACT                                                      | PROCEDURE IDENT              | INDEX | REV DATE    | EFF DATE    |
|----------------------------------------------------------|------------------------------|-------|-------------|-------------|
| <b>BRASILIA, (PRES JUSCELINO KUBITSCHEK INTL - SBBR)</b> |                              |       |             |             |
| REV                                                      | AIRPORT, AIRPORT INFO        | 10-9  | 05 Dec 2014 | 11 Dec 2014 |
| REV                                                      | AIRPORT INFO (CONTD), TAK... | 10-9A | 05 Dec 2014 | 11 Dec 2014 |

## TERMINAL CHART CHANGE NOTICES

### Chart Change Notices for Airport SBBR

**Type:** Terminal

**Effectivity:** Temporary

**Begin Date:** 20140813

**End Date:** 20141217

Runway 11R/29L CLOSED Days and Hours: AUG 13-17, 0300/0800 UTC SEP 13-19, 0300/0800 UTC OCT 13-17, 0300/0800 UTC NOV 13-16, 0300/0800 UTC DEC 13-17, 0300/0800 UTC AIP SUP A042-14

**Type:** Terminal

**Effectivity:** Temporary

**Begin Date:** Immediately

**End Date:** Until Further Notice

RWY 11R/29L Approach Lighting Systems out of service.