

**SANTA CRUZ,
BOLIVIA**

JEPPesen

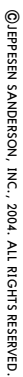
20-2

ARRIVAL

2 JAN 04

Alt Set: hPa Trans level: By ATC Trans alt: 5000

NOT TO SCALE



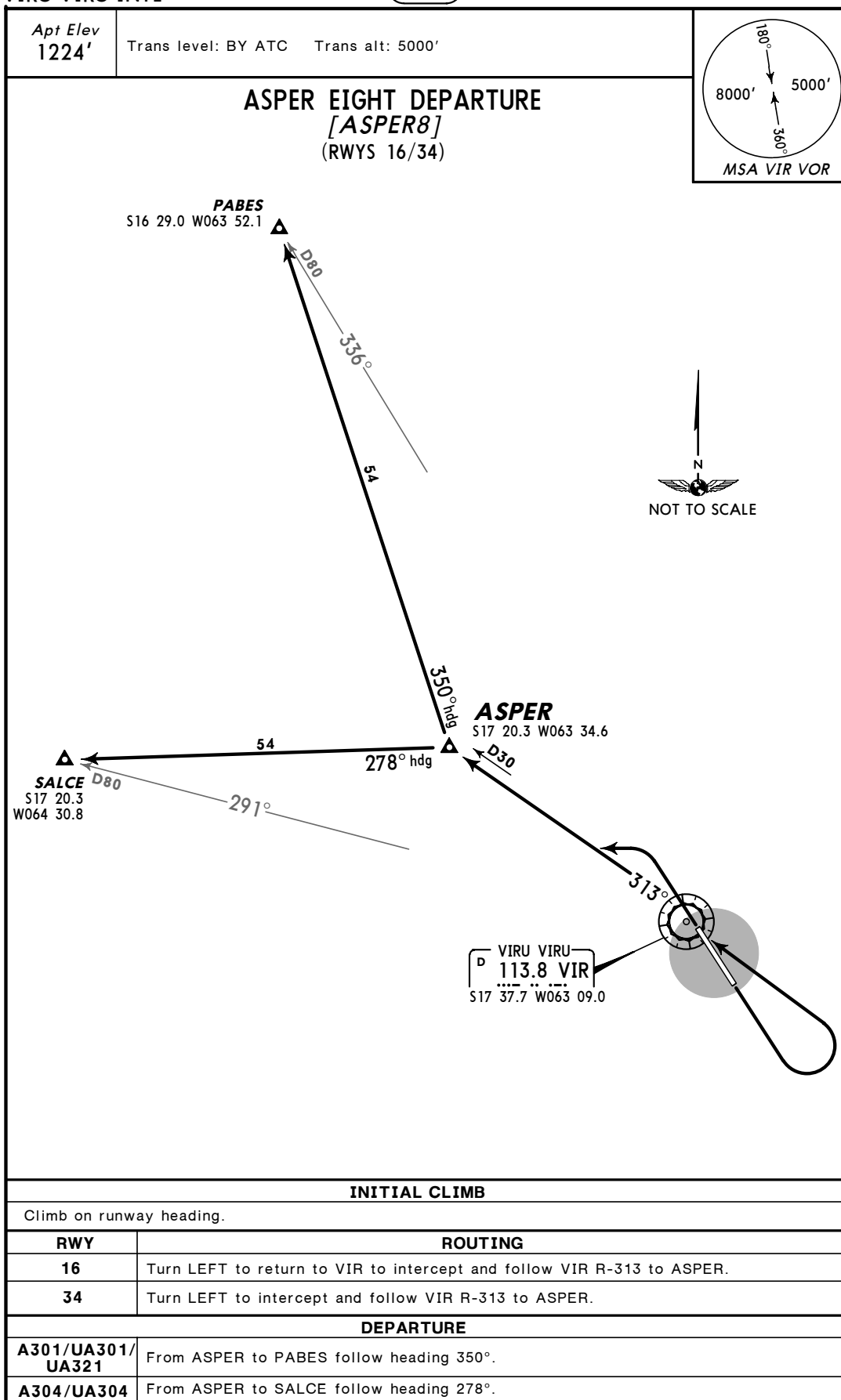
PARA USO EN AVIACIÓN VIRTUAL ÚNICAMENTE

SLVR/VVI
VIRU VIRU INTL

JEPPESEN
7 NOV 03 (20-3)

SANTA CRUZ, BOLIVIA

SID



CHANGES: Procedure revised, new format.

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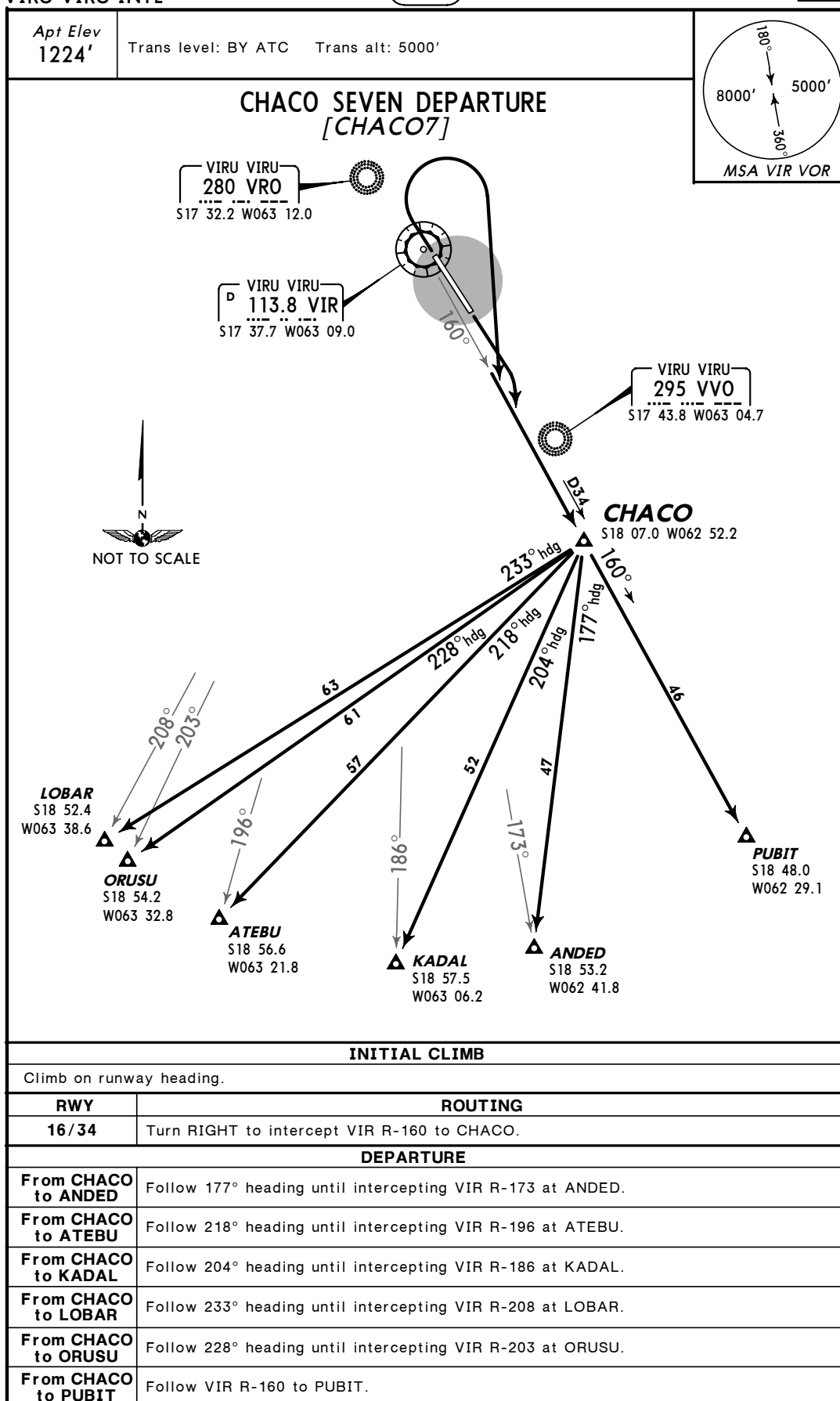
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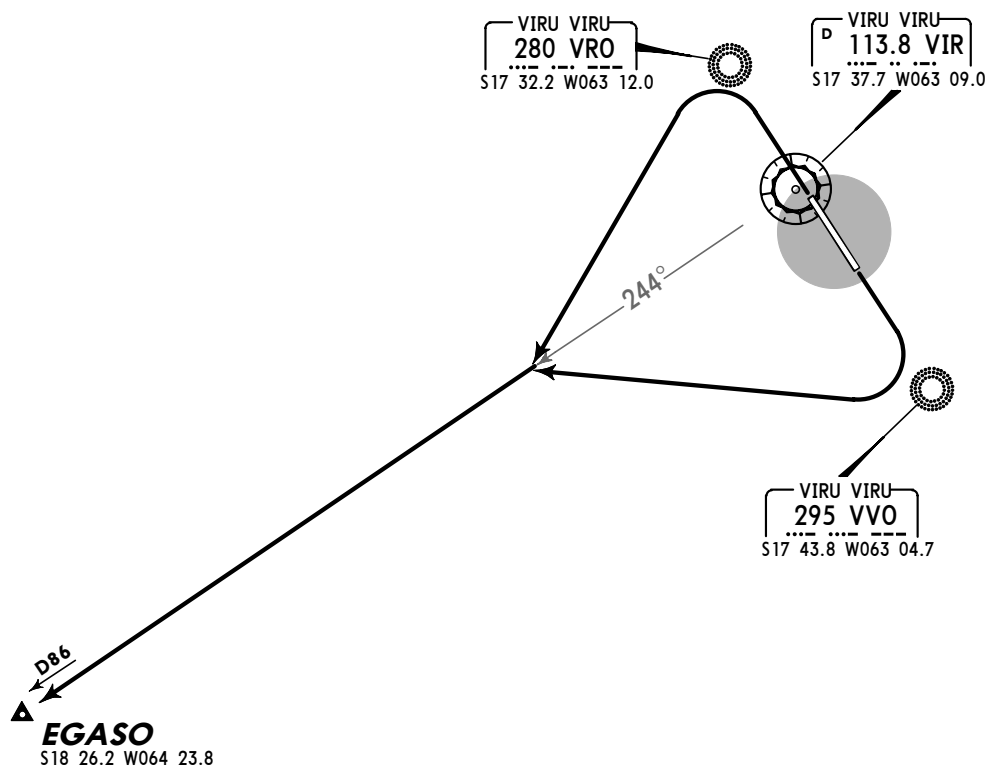
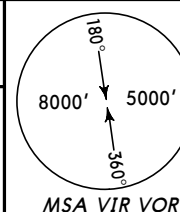
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Apt Elev
1224'

Trans level: BY ATC Trans alt: 5000'

EGASO FIVE DEPARTURE



| RWY | INITIAL CLIMB |
|-----|---------------------------------------------------------------------------------|
| 16 | Climb on runway heading, turn RIGHT to intercept and follow VIR R-244 to EGASO. |
| 34 | Climb on runway heading, turn LEFT to intercept and follow VIR R-244 to EGASO. |

CHANGES: New format.

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SLVR/VVI
VIRU VIRU

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30 JAN 04 (20-3C)

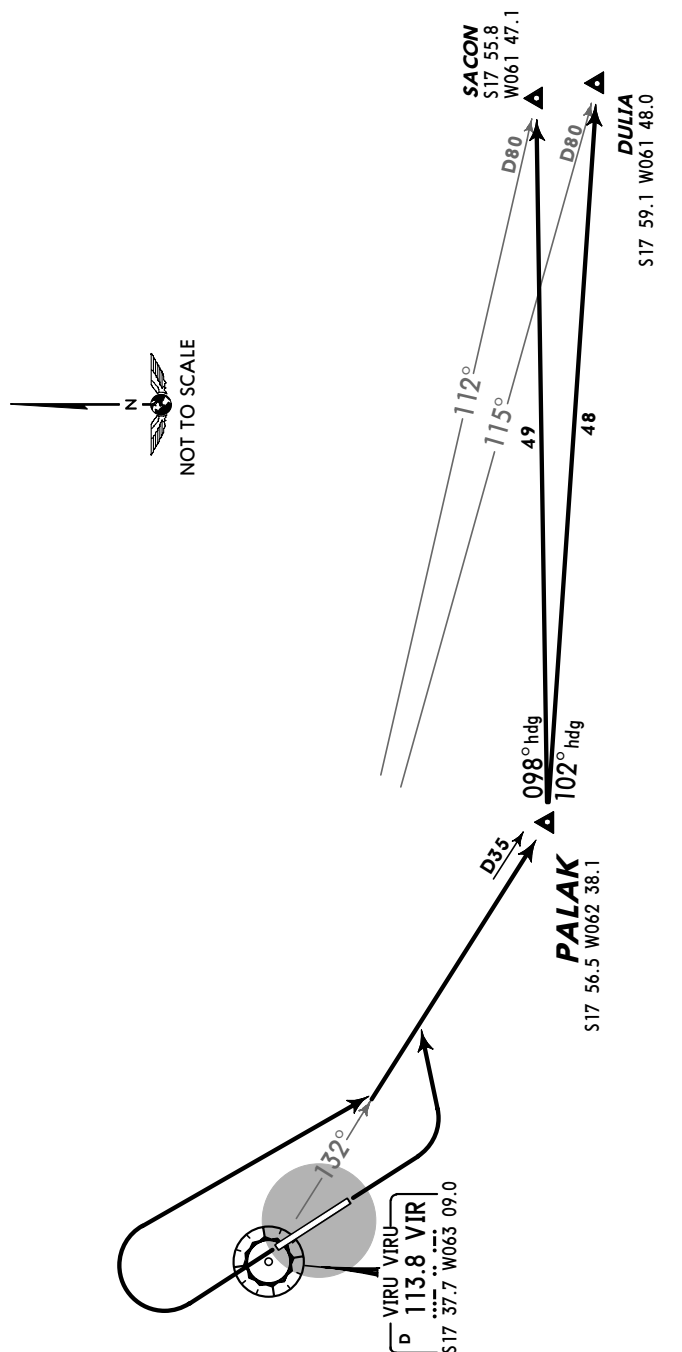
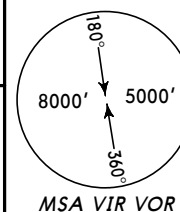
SANTA CRUZ, BOLIVIA

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Apt Elev
1224'

Trans level: BY ATC Trans alt: 5000'

PALAK SIX DEPARTURE
(RWYS 16/34)



| INITIAL CLIMB | |
|------------------|---------------------------------------------------------------------------------|
| 16 | Climb on runway heading, turn LEFT to intercept and follow VIR R-132 to PALAK. |
| 34 | Climb on runway heading, turn RIGHT to intercept and follow VIR R-132 to PALAK. |
| ROUTING | |
| For DULIA | Follow 102° heading until intercepting VIR R-115 at DULIA. |
| For SAGON | Follow 098° heading until intercepting VIR R-112 at SAGON. |

CHANGES: Departure revised, new format.

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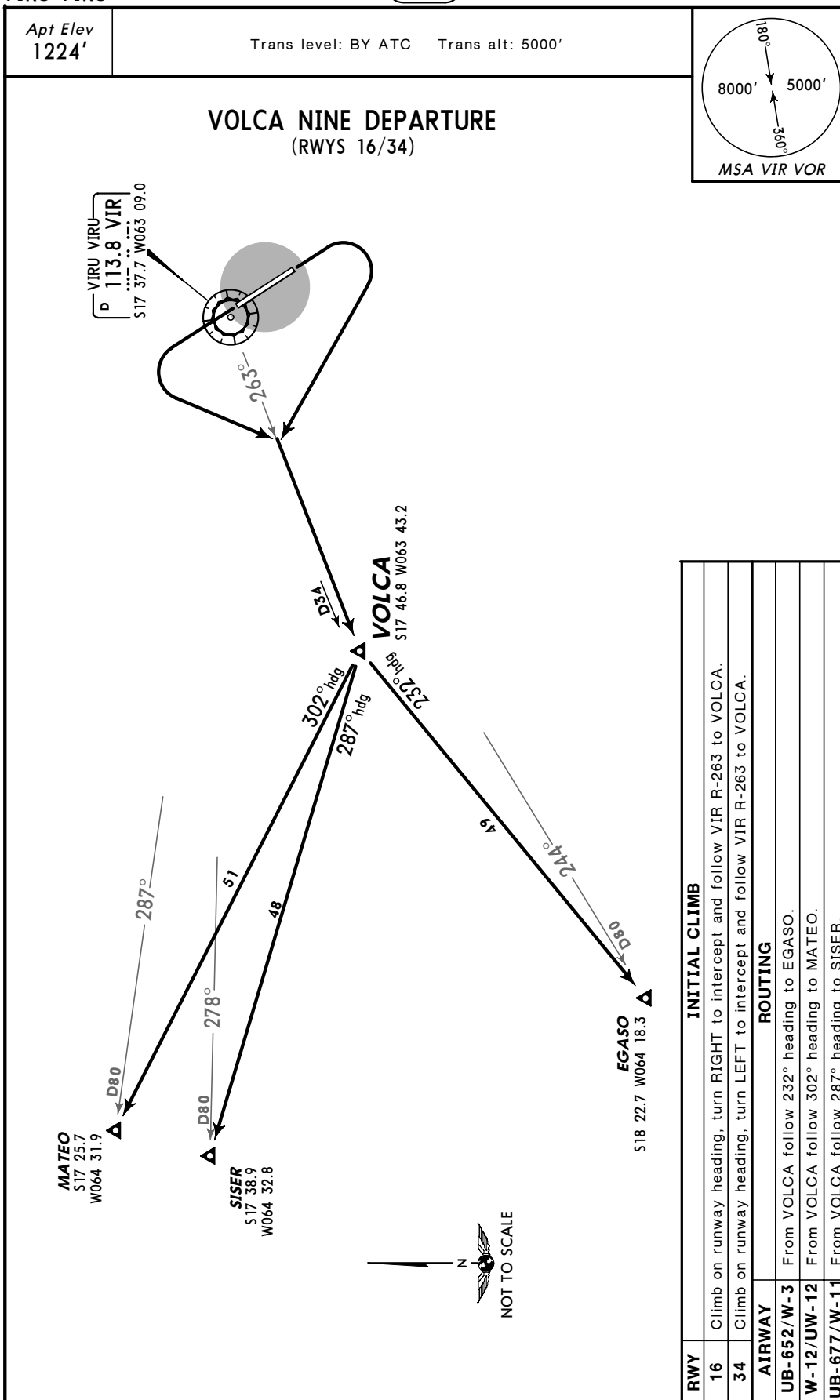
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VIRU VIRU

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30 JAN 04 (20-3D)

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CHANGES: Departure revised, new format.

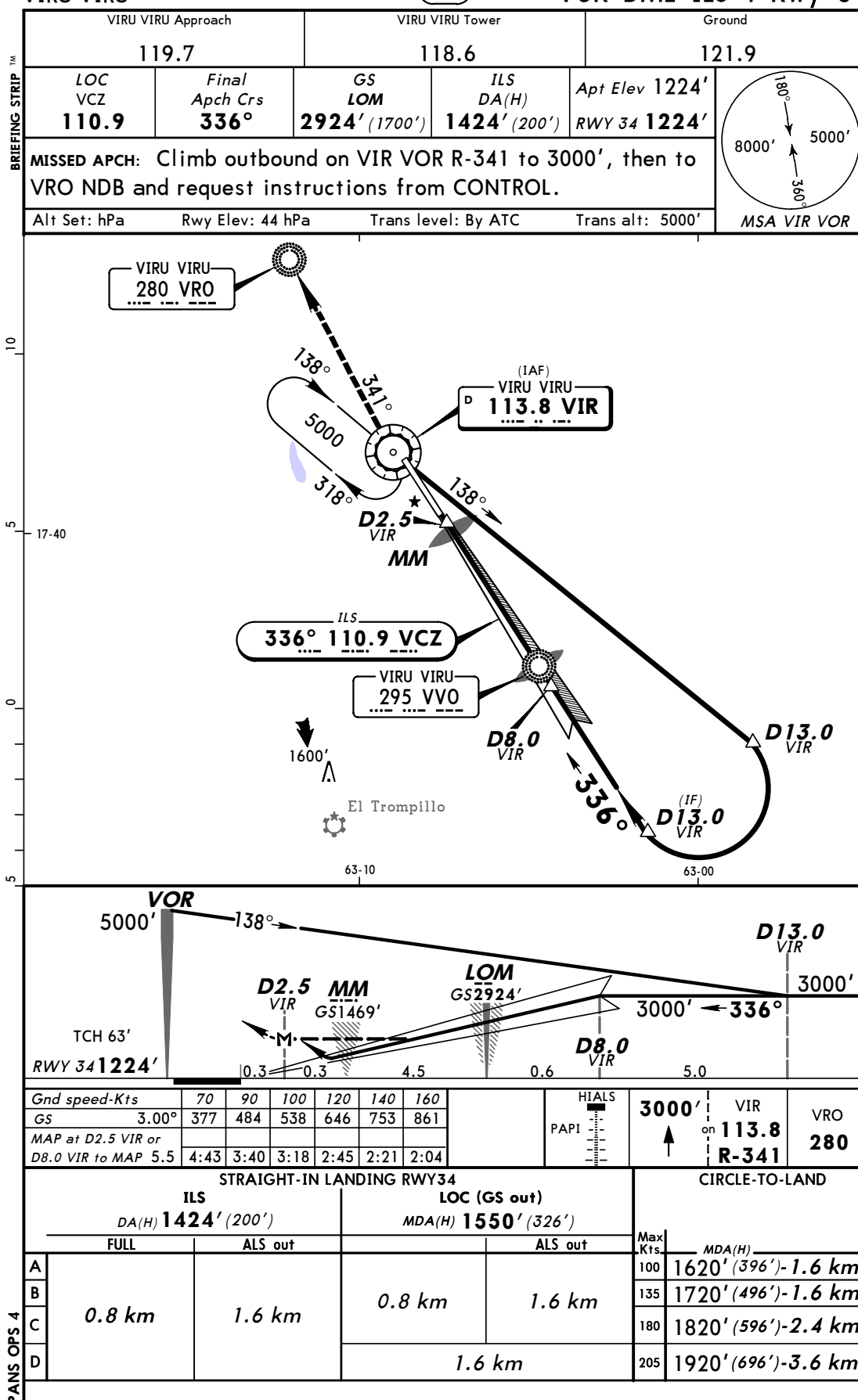
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PARA USO EN AVIACIÓN VIRTUAL ÚNICAMENTE

SLVR/VVI
VIRU VIRU

JEPPESEN
12 MAR 04 (21-1)

SANTA CRUZ, BOLIVIA
VOR DME ILS-4 Rwy 34

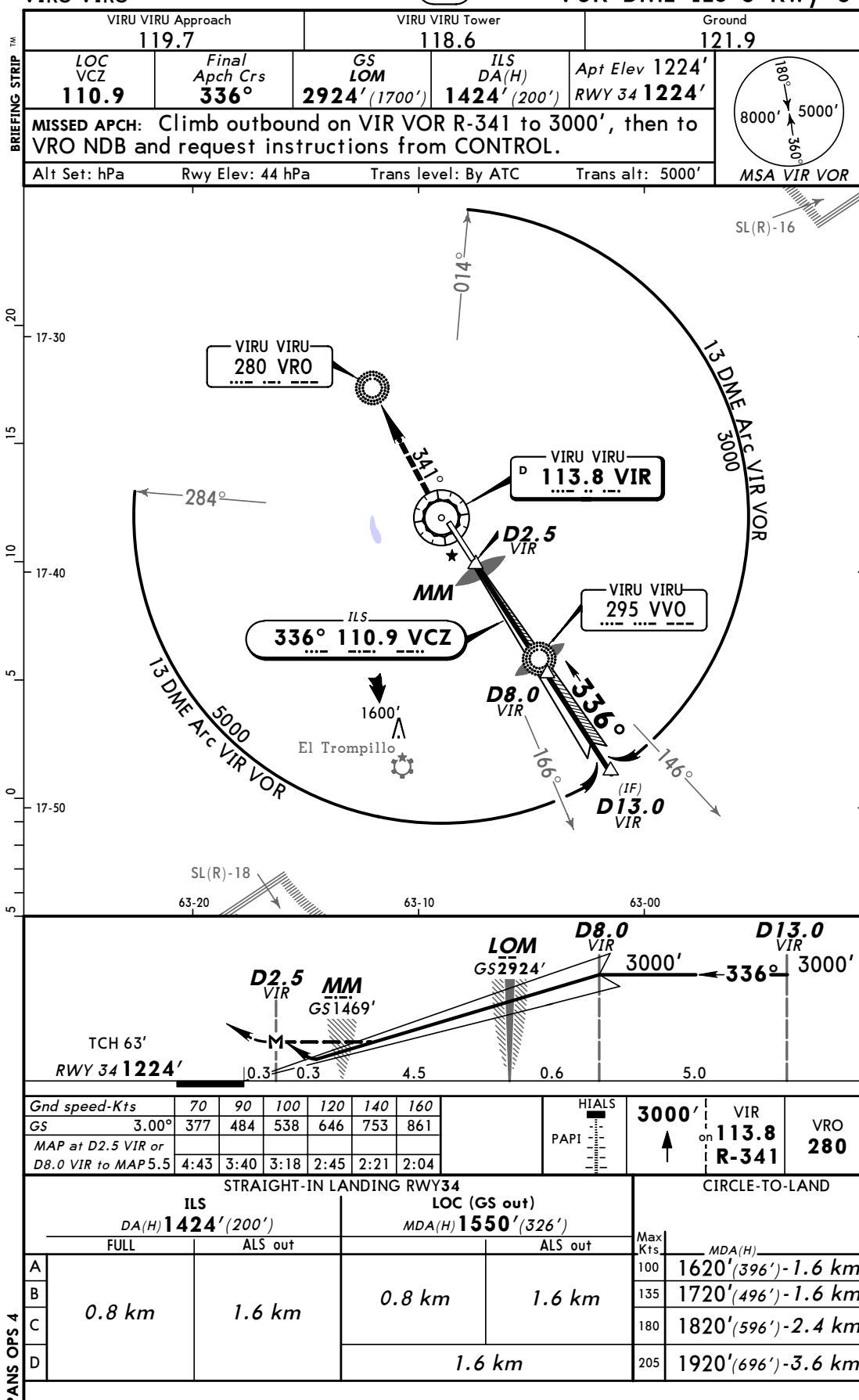


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SLVR/VVI
VIRU VIRU

JEPPESEN
12 MAR 04 (21-2)

SANTA CRUZ, BOLIVIA
VOR DME ILS-3 Rwy 34



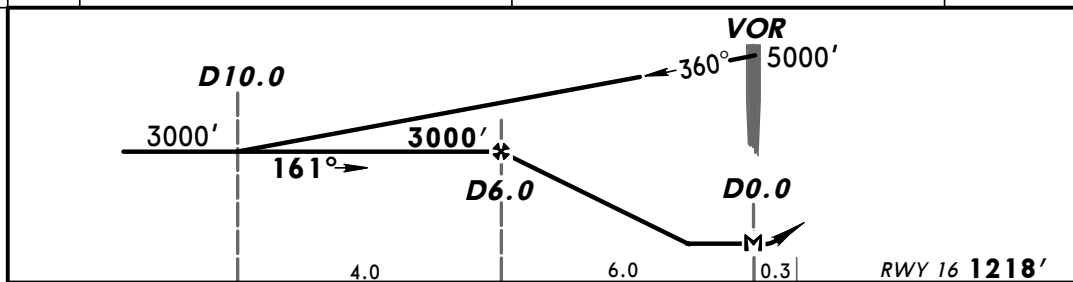
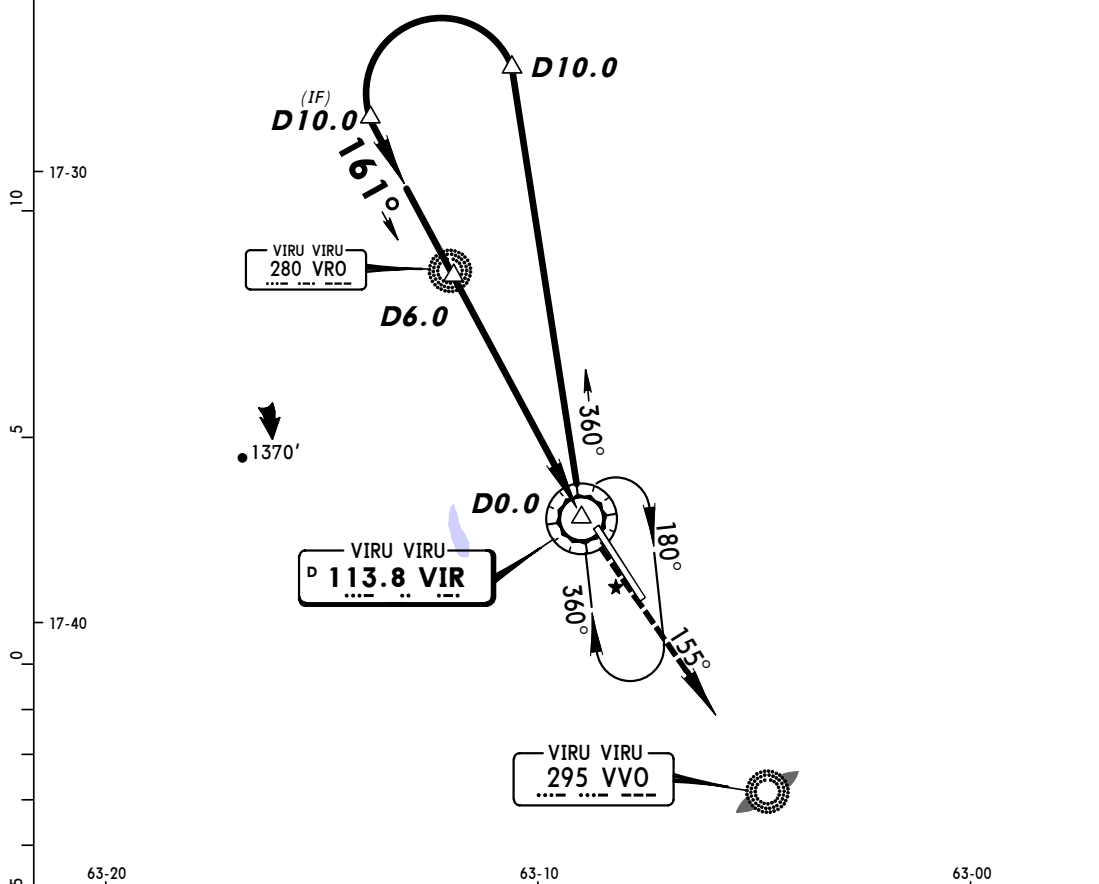
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VIRU VIRU

JEPPESEN
12 MAR 04 (23-1)

SANTA CRUZ, BOLIVIA
VOR DME-5 Rwy 16

| | | | | |
|---------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------------|------------------------|--------------------------------|
| VIRU VIRU Approach 119.7 | | VIRU VIRU Tower 118.6 | | Ground 121.9 |
| VOR VIR 113.8 | Final Apch Crs 161° | Minimum Alt D6.0 3000' (1782') | MDA(H) 1550' (332') | Apt Elev 1224' RWY 16 1218' |
| MISSED APCH: Climb outbound on VIR VOR R-155 to 3000', then to VVO LOM and request instructions from CONTROL. | | | | MSA VIR VOR |
| Alt Set: hPa | Rwy Elev: 44 hPa | Trans level: By ATC | Trans alt: 5000' | |



| | | | | | | | | | | |
|----------------------------|-----|------|------|------|------|------|---------|-------|-------|-----|
| Gnd speed-Kts | 70 | 90 | 100 | 120 | 140 | 160 | ALSIF-I | 3000' | VIR | VVO |
| Rate of descent (feet/min) | 355 | 456 | 506 | 608 | 709 | 811 | PAPI | ↑ | 113.8 | 295 |
| MAP at D0.0 or FAF to MAP | 6.0 | 5:09 | 4:00 | 3:36 | 3:00 | 2:34 | 2:15 | | R-155 | |

| | | | |
|---------------------------|--------|----------------|-----------------------|
| STRAIGHT-IN LANDING RWY16 | | CIRCLE-TO-LAND | |
| MDA(H) 1550' (332') | | Max Kts | |
| ALS out | | MDA(H) | |
| A | 1.2 km | 100 | 1620' (396') - 1.6 km |
| B | | 135 | 1720' (496') - 1.6 km |
| C | | 180 | 1820' (596') - 2.4 km |
| D | 1.6 km | 205 | 1920' (696') - 3.6 km |

CHANGES: Circling minimums.

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SANTA CRUZ, BOLIVIA
VOR DME-6 Rwy 16

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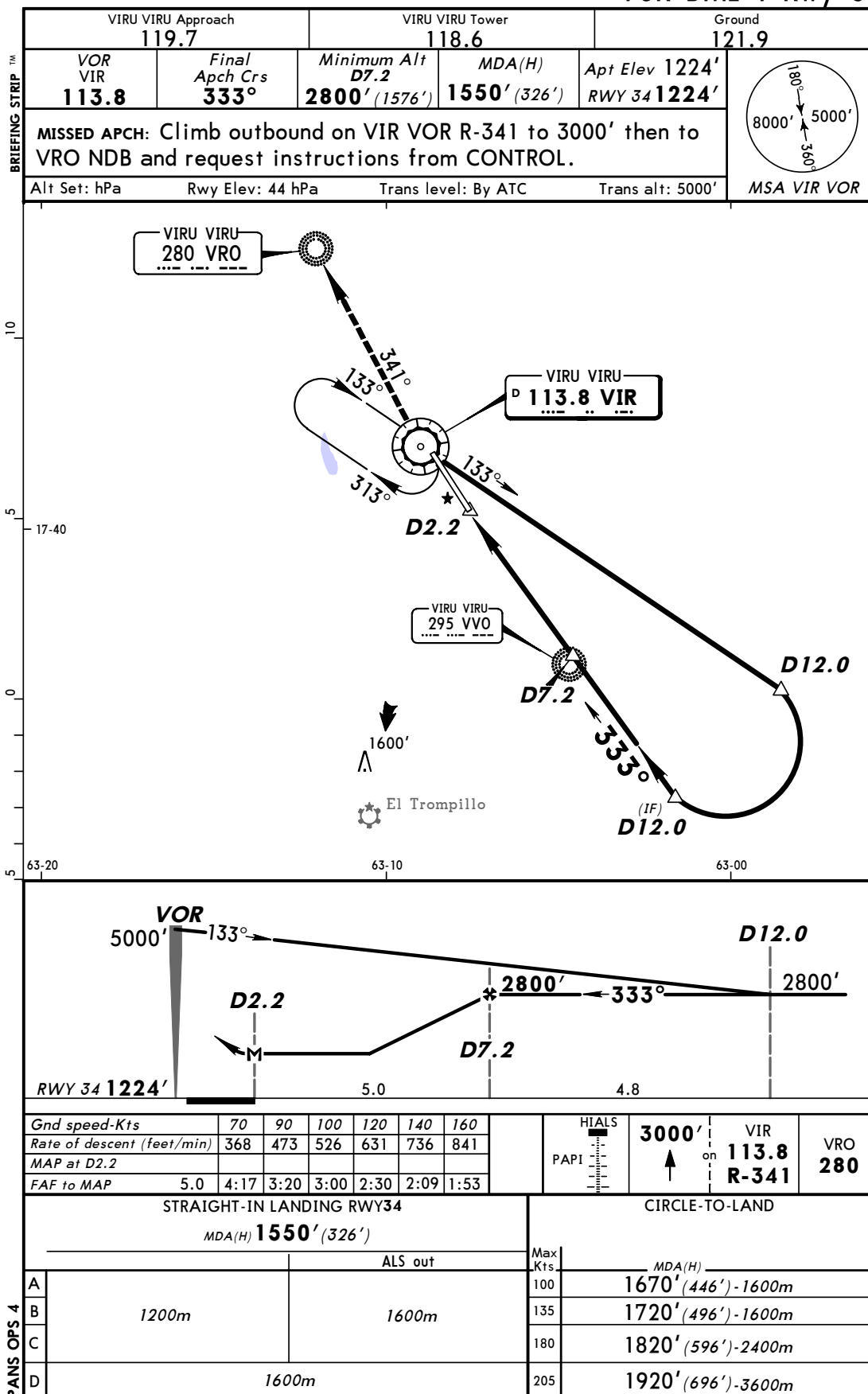
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VIRU VIRU INTL

30 JAN 04 (23-3)

DESCENT CHARLIE

VOR DME-1 Rwy 34



CHANGES: Procedure.

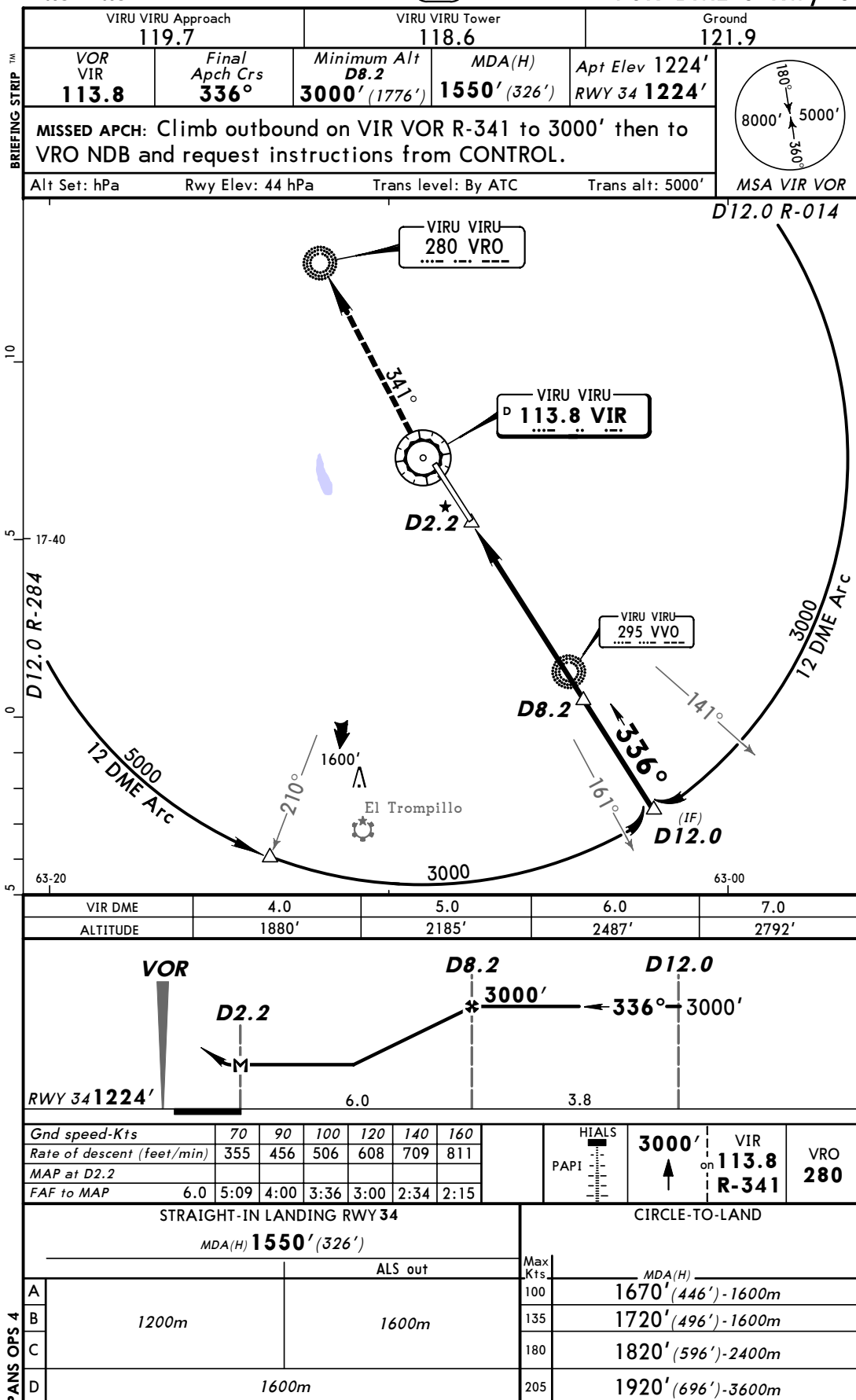
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PARA USO EN AVIACIÓN VIRTUAL ÚNICAMENTE

SLVR/VVI
VIRU VIRU INTL

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30 JAN 04 (23-4)

SANTA CRUZ, BOLIVIA
VOR DME-3 Rwy 34



CHANGES: Chart reindexed.

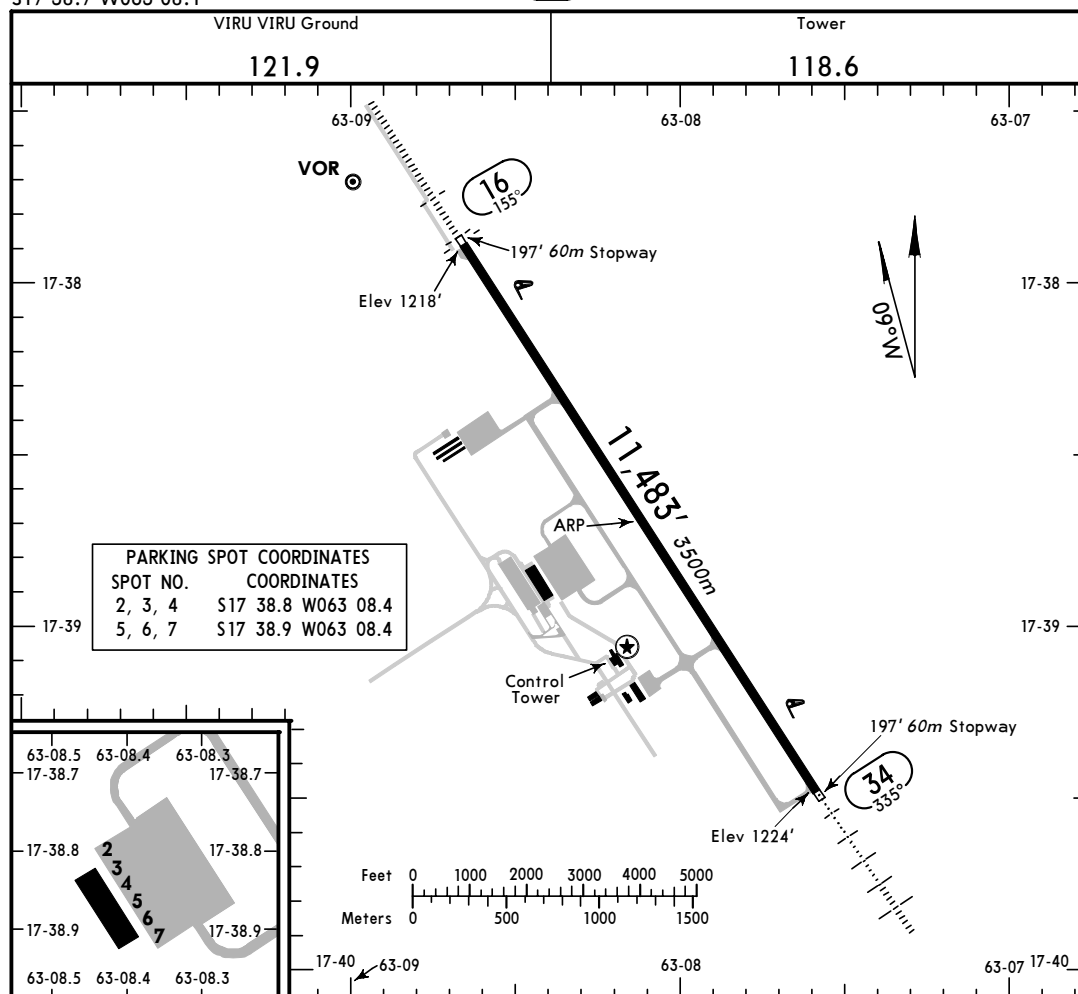
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PARA USO EN AVIACIÓN VIRTUAL ÚNICAMENTE

SLVR/VVI
Apt Elev 1224'
S17 38.7 W063 08.1

JEPPESEN
12 MAR 04 (21-1)

SANTA CRUZ, BOLIVIA
VIRU VIRU



ADDITIONAL RUNWAY INFORMATION

| RWY | | | | | USABLE LENGTHS | | WIDTH |
|-----|------|--------|---------------------|-----|--------------------------|-------------|-------|
| | | | | | LANDING BEYOND Threshold | Glide Slope | |
| 16 | HIRL | ALSF-I | PAPI-L (angle 3.0°) | RVR | | | 148' |
| 34 | HIRL | HIALS | PAPI-L (angle 3.0°) | RVR | | | 45m |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| TAKE-OFF | | | | FOR FILING AS ALTERNATE | |
|-----------|-------------------------|------------------------------|--|-------------------------|---------------|
| | AIR CARRIER All Rwys | GENERAL AVIATION All Rwys | | Precision | Non-Precision |
| | | | | | |
| 2 Eng | 500m | 150m - 1.6 km | | A | 900'-4.4 km |
| 3 & 4 Eng | 400m | | | B | |
| | | | | C | |
| | | | | D | |

AMEND 0

CHANGES: See other side.

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