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ENTO/TRE 22 SEP 06 PEPPESEN 10-3) Eff 28 Sep SANDEFJORD, NORWAY

SID

ENTO/TRE

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22 SEP 06 (10-3A) Eff 28 Sep

Na Saddar 1

SANDEFJORD, NORWAY

SID

FARRIS Approach 134.05

Apt Elev 286'

Trans level: By ATC Trans alt: 7000'
 Contact FARRIS Approach immediately after take-off.
 Enroute cruising levels will be issued after take-off by OSLO Departure or OSLO Control.
 3. EXPECT close-in obstacles.

FARRIS Approach
134.05 Apt Elev 286'

Trans level: By ATC Trans alt: 7000'

1. Contact FARRIS Approach immediately after take-off.

2. Enroute cruising levels will be issued after take-off by OSLO Departure or OSLO Control.

3. EXPECT close-in obstacles.

ARTOR THREE HOTEL (ARTOR 3H) [ARTO3H] ARTOR THREE GOLF (ARTOR 3G) [ARTO3G] RISER FOUR HOTEL (RISER 4H) RISER FOUR GOLF (RISER 4G) [RISE4G] SKIEN TWO GOLF (SKI 2G) [RISE4H]

SIZIAJI MAX 250 KT BELOW FL 100

SKIEN TWO HOTEL (SKI 2H) RWYS 18, 36 DEPARTURES

> 090° → 090° — 270° 3200' | 2000'

404 DA | N59 15.7 E010 15.4 283 SF 283 SF N59 06.3 E010 15.6 MSA TOR VOR

D 113.6 SKI N59 11.3 E009 34.2

D 113.85 TOR 10.1 E010 15.6

RISER 4H

021.9

RISER 4G

RISER N58 54.2 E009 07.7

ARTOR 3G, 3H

0 090° --- 270 TIVOL 3H TIVOL 3G 3200′ 4000′ | 113.6 SKI | N59 11.3 E009 34.2 **TO37Ø** N59 31.7 E009 53.2 SIGDAL D 117.7 SIG N60 00.9 E009 37.8 TRF 3G FF 3H SID MSA TOR VOR 3000′ SK IEN -2000' R₩Y 8 5.05Q DRAMMEN | 114.8 DRA | N59 44.0 E010 06. Climb to DA, turn LEFT, 310° track, intercept TOR R-339, intercept SKI R-025 to TRF. Climb to SF, turn RIGHT, intercept SIG R-165 inbound, intercept SKI R-025 to TRF. Climb to DA, turn RIGHT, intercept DRA R-162 to TIVOL Climb to SF, turn LEFT, 120° track, intercept TOR R-143 to TIVOL TORP 113.85 TOR N59 10.1 E010 15.6 352 TRF 352 TRF N59 55.8 E010 16.2 climb clearance 4000 SANDEF JORD 283 SF 283 SF N59 06.3 E010 15.6 N59 DALEN 404 DA 9 15.7 E010 15.4 STEETE MAX 250 KT BELOW FL100 ROUTING RWYS 18, 36 DEPARTURES TYRIFJORD THREE HOTEL (TIVOL 3G) [TIVO3G] TYRIFJORD THREE GOLF (TIVOL 3H) [TIVO3H] TIVOL THREE HOTEL TIVOL THREE GOLF (TRF 3H) (TRF 3G) NOT TO SCALE \triangleright N58 53.7 E010 39.1

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ARTOR 3G ARTOR 3H

RWY 36

Climb to SF, intercept TOR R-184 to ARTOR.

Initial climb clearance 4000

ROUTING

NOT TO SCALE

ARTOR N58 20.1 E010 08.9

RISER 4H RISER 4G

SKI 2H

Climb to DA, turn LEFT to SKI.

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Climb to SF, turn RIGHT to SKI.

Climb to SF, turn RIGHT, 270° track, intercept 251° bearing from SF to

Climb to DA, turn LEFT, 190° track, intercept TOR R-246 to RISER

Climb to DA, turn RIGHT to SF, intercept TOR R-184 to ARTOR

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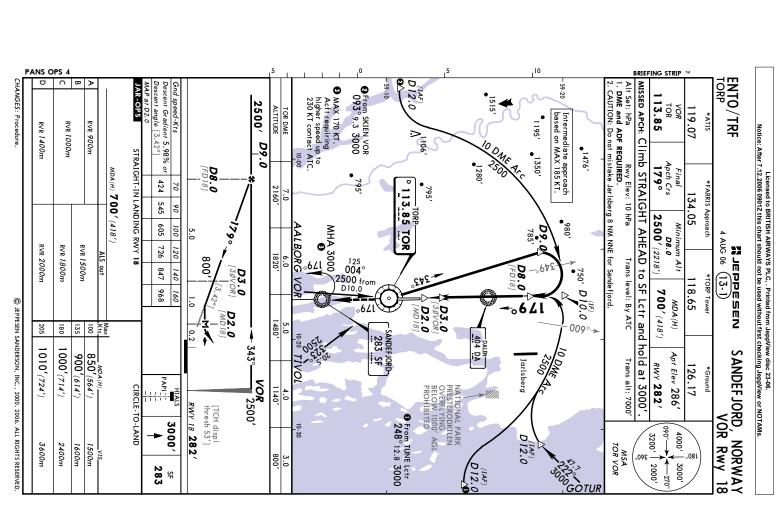
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PANS OPS 4 ENTO/TRF SKIEN VOR Alt Set: hPa Rwy Elev: 10 hPa Trans level: By ATC 1. ILS: ADF REQUIRED. LOC: OM, MM, DME and ADF REQUIRED. 2. CAUTION: Do not mistake Jarlsberg 8 NM NNE for Sandefjord. MISSED APCH: C ILS GS 3.00 or TO DISPLACED THRESHOLD LOC Descent Gradient
MAP at MM Gnd speed-Kts Intermediate approach based on MAX 185 KT. 3200 D11.0 TOR DA(H) ABC: 482' (200')
D: 490' (208')
FULL ALS out 1515′ 108.3 RVR 600m RVR 550m ₽ 200 119.07 1195′ Ÿ1106′ @MAX 170 KT.
Acft requiring
higher speed up to
230 KT contact ATC. 1476′ **D9.0** imb STRAIGHT AHEAD to SF Lctr and hold at 3000' 795′ 1350′ 795 Final Apch Crs **179**° RVR 1000m).6_078°-1280′ 377 179° 108.3 TP 1400′ 70 134.05 485 MHA 2 5Ω 1570′(1288′) RVR RVR 1000m 539 980 100 | 120 283 SF 15 SEP 06 (11-1) Eff 28 Sep 1600m 1200m **6**00 روا 10-10 PEPPESEN 647 2500′ ا24. 140 иDA(H) **740′**(458′) 755 LOC (GS out) 0002 118.65 160 HTUA TON 862 DA(H) Refer to Minimums ۰64l ا26。 TUFTE 009 Νį 0.6 DALEN 404 DA 10-20 260 2500 R√R R R SANDEF JORD, P 113.85 TOR to DA Lctr 359° 5.7 2500 ALS out Apt Elev 1500m 2000m Trans alt: 7000 Jarlsberg **0** 179° 5.1 2300 126.17 RWY 282' ILS or LOC Rwy PAPI ... TCH displ thresh 53' 286′ 205 1010'(724') 3600m 135 Max Kts RWY 18 282' 1000'(714') 2400m 850'(564') 1500m 900'(614') 1600m CIRCLE-TO-LAND PRESTERODKILEN OVERFLYING BELOW 1000' AGI PROHIBITED 3000′ BASETURN

A RACETRACK D11.0 TOR 090° 3200′ 4000′ NORWAY MSA TOR VOR 3000 3000′ 2000′ 270 SF **283** <u>~</u> TUNE Lctr

CHANGES: Minimums

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SANDEF JORD,

NORWAY

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PANS OPS 4 5 SKIEN VOR ENTO/TRF Alt Set: hPa Rwy Elev: 9 hPa Trans level: By CAUTION: Do not mistake Jarlsberg 8 NM NNE for Sandefjord. MISSED APCH: Climb STRAIGHT AHEAD to DA Letr and hold at 3000 Descent angle [3.00° Descent Gradient 5.24% or AR-OPS 113.85 gTOR DME 119.07 RVR 1400m RVR 1500m RVR 1600m DME and ADF REQUIRED.
Intermediate approach
based on MAX 185 KT. RVR 1800m RWY 36 255' STRAIGHT-IN LANDING RWY 36 •1280′ [TCH displ thresh 50'] Apch Crs **359**° From AALBORG VOR 004° 115 3000 MDA(H) 720' (465' 372 113.85 TOR 70 730 478 90 DALEN— 2000'(1745') D7.0 **VOR** 2000' **■**200°-531 Minimum Alt 100 A AUG 06 (13-2) 10-10 D5.0 637 RVR 2000m RVR 1500m 326 1050 Trans level: By ATC 743 140 **5**010.0 2000 118.65 849 $\int_{D8.0}^{(IF)}$ 720' (465') ∘65Σ 160 3280 **Q** 5.3 to D5.0 2000 MDA(H)£359° 3.0 1360' Max Kts 100 1010'(724') 1000'(714') **0** 2000 Apt Elev 286 850'(564') 900'(614') OVERFLYING BELOW 1000' PROHIBITED PRESTERODKILEN RWY 255' **D5.0** [FD36] *Ground 126.17 PAPI : TO DISPLACED THRESHOLD CIRCLE-TO-LAND 680 D7.0 2000′ D10.0 GOTUR AGL 3000′ 090° → 3200' 4000′ MSA TOR VOR 2400m 1600m 1500m Rwy 36 5.0 2000' 270 3000′ 2000′ DA 404

CHANGES: Procedure.

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CHANGES: Procedure

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PANS OPS 4 ENTO/TRF SKIEN VOR MISSED APCH: Climb STRAIGHT AHEAD to SF Lctr and hold at 3000 Descent Gradient O DISPLACED THRESHOLD 1 /2 Min Alt Set: hPa W/o DME Start Intermediate approach based on MAX 185 KT. t Set: hPa Trans level: By ATC NUTION: Do not mistake Jarlsberg 8 NM NNE for Sandefjord. DA DA 119.07 *ATIS 1195 RVR 1200m RVR 1600m RVR 1000m MAX 170 KT.
Acft requiring
higher speed up to
230 KT contact ATC. 106 5.24% or 1476′ STRAIGHT-IN LANDING RWY 18 D9.0 1350′ Final Apch Crs **179**° 795′ MDA(H) 800' (518' 1280 372 70 134.05 330°**0'A'** 2500' 3590 1570 478 90 DA Letr 1570' (1288') 2500 980′ Minimum Alt SANDEFJORD 531 100 4 AUG 06 (16-1) RVR 2000m 179° #JEPPESEN RVR 1500m 637 120 326 ه6۷۱ 3000 **•** 8 • 750 743 140 *TORP Tower 2000 118.65 800' (518') 849 160 MDA(H)64، ٠64l 205 180 Max Kts 100 į 404 DA at MM 1010'(724') 1000'(714') 850'(564') 900'(614') Apt Elev 286' SANDEFJORD, TORP 113.85 TOR to DA Letr 359° 5.7 2500 RWY 282' Jarlsberg Trans alt: 7000' 126.17 D10.0 PAPI : CIRCLE-TO-LAND 11V01 [TCH displ thresh 53'] 3000 BASETURN
B RACETRACK GOTUR RWY 18 282′ PRESTERODKILEN
OVERFLYING
BELOW 1000' AGL
PROHIBITED 3000′ 090° 3200′ 4000′ MSA TOR VOR NORWAY 3600m 2400m 1600m 1500m Rwy 18 3**0**0ء 3000′ _____270° 2000′ 283 AGL ş TUNÈ

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PANS OPS 4 SKIEN VOR ENTO/TRF Alt Set: hPa Rwy Elev: 9 hPa Trans level: By ATC CAUTION: Do not mistake Jarlsberg 8 NM NNE for Sandefjord. MISSED APCH: Climb STRAIGHT AHEAD to DA Letr and hold at 3000' Descent Gradient 5.40% or JAR-OPS scent angle [3.10°] 283 Lctr SF RWY 36255' *ATIS 119.07 ALTITUDE TOR DME RVR 1600m RVR 1500m RVR 1400m 1350 RVR 1800m [TCH displ thresh 50'] STRAIGHT-IN LANDING RWY 36 1280' 2000 Lctr MAX 170 KT.
Acft requiring Final Apch Crs **359**° higher speed up to 230 KT contact ATC. From AALBORG VOR MDA(H) 790' (535' 795 203 384 134.05 494 90 to SF Lctr 179° 9.4 2000 [MN36] DALEN— 1700'(1445') Minimum Alt 548 4 AUG 06 (16-2) SF Lctr D10.0 658 RVR 2000m RVR 1500m PEPPESEN 326 3000**0** 2000 768 140 **SF** / 118.65 878 359° ۰<u>6</u>۷۱ .6<u>9</u>2 790' (535') MDA(H)^D 113.85 TOR , Lctr 1770 BASETURN *1700[′] 4.3 Max K†s 100 180 283 SF **ANDEFJORD** I/9°→ RACETRACK 1010'(724') 1000'(714') Jarlsberg Apt Elev 286 SANDEF JORD, 850'(564') 900'(614') Trans alt: 7000 RWY 255' _359°-126.17 ,000 API CIRCLE-TO-LAND TO DISPLACED THRESHOLD [CN36] 3000′ 090° → 3200′ 4000′ MSA TOR VOR NORWAY 2400m 3600m 1600m 1500m GOTUR Rwy 36 Start turn at 1 Min 2000′ 270 3000' **404** TUNE

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CHANGES: None

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