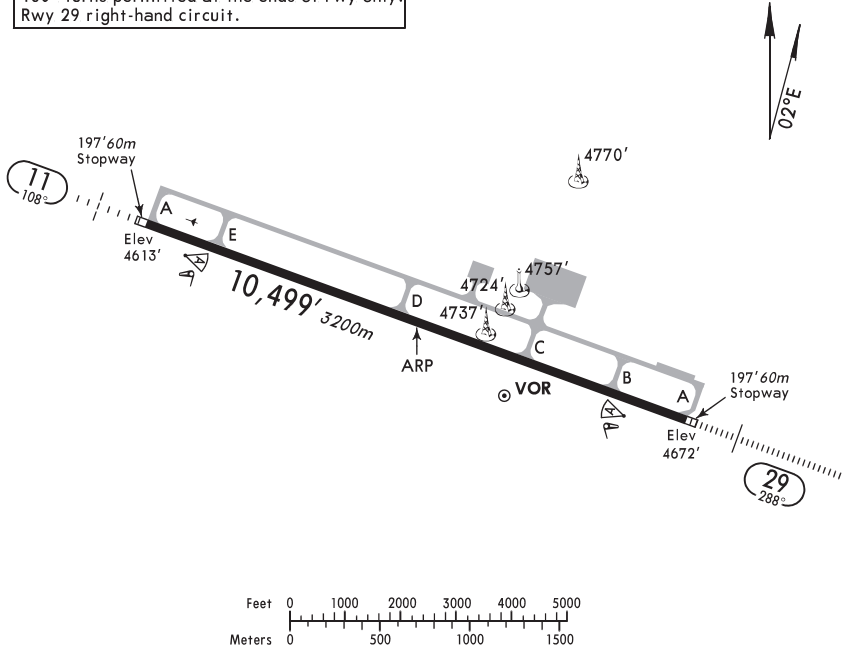


*HOTAN Tower

118.65

180° turns permitted at the ends of rwy only.
 Rwy 29 right-hand circuit.



ADDITIONAL RUNWAY INFORMATION

| RWY | | | | | | USABLE LENGTHS | | TAKE-OFF | WIDTH |
|-----|------------|-------|-----|---------------|-----|-------------------|--------------------|----------|-------|
| | | | | | | Landing Threshold | Beyond Glide Slope | | |
| 11 | HIRL (60m) | ALS | SFL | PAPI-L (3.0°) | RVR | | | | 164' |
| 29 | HIRL (60m) | HIALS | SFL | PAPI-L (3.0°) | RVR | | 9466' 2885m | | 50m |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

TAKE-OFF

| | All Rwys | |
|----------------------------|-----------|----------------|
| | RL | NIL (DAY only) |
| 2 TURB Eng or 3 & 4 Eng | RVR 500m | |
| Other | VIS 1600m | |

| STRAIGHT-IN RWY | | A | B | C | D |
|-----------------|---------|----------------------|----------------------|----------------------|----------------------|
| 11 | VOR ① | 4950'(337') 1600m | 4950'(337') 1600m | 4950'(337') 1600m | 4980'(367') 2000m |
| | NDB ① | 4950'(337') 1600m | 4950'(337') 1600m | 4950'(337') 1600m | 4980'(367') 2000m |
| 29 | ILS | 4872'(200') 800m | 4872'(200') 800m | 4872'(200') 800m | 4872'(200') 800m |
| | ALS out | 1200m | 1200m | 1200m | 1200m |
| | LOC ① | 5020'(348') 800m | 5020'(348') 800m | 5020'(348') 800m | 5020'(348') 1300m |
| | ALS out | 1500m | 1500m | 1500m | 1700m |
| | VOR ① | 5000'(328') 1200m | 5000'(328') 1200m | 5000'(328') 1200m | 5040'(368') 1600m |
| | ALS out | 1500m | 1500m | 1500m | 1700m |
| | NDB ① | 5000'(328') 1200m | 5000'(328') 1200m | 5000'(328') 1200m | 5040'(368') 1600m |
| | ALS out | 1500m | 1500m | 1500m | 1700m |

① Continuous Descent Final Approach.

| CIRCLE-TO-LAND ② | 100 KT | 135 KT | 180 KT | 205 KT |
|------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 5080'(408') V1600m | 5180'(508') V1600m | 5280'(608') V2400m | 5380'(708') V3600m |

② Not authorized South of rwy.

TAKE-OFF RWY 11, 29

| | RL | NIL (DAY only) |
|----------------------------|----|----------------|
| 2 TURB Eng or 3 & 4 Eng | | R500m |
| Other | | V1600m |

*HOTAN Tower
118.65

| | | | | |
|--------------------------|-------------------------------|--|---------------------------|------------------------------------|
| LOC IRB *110.3 | Final Apch Crs 288° | GS D6.2 IRB 6640' (1968') | ILS DA(H) 4872' (200') | Apt Elev 4672' RWY 4672' |
|--------------------------|-------------------------------|--|---------------------------|------------------------------------|

MISSED APCH: Climb STRAIGHT AHEAD to 5660' (988'), then turn RIGHT to reach VOR at 7630' (2958') and contact ATC.

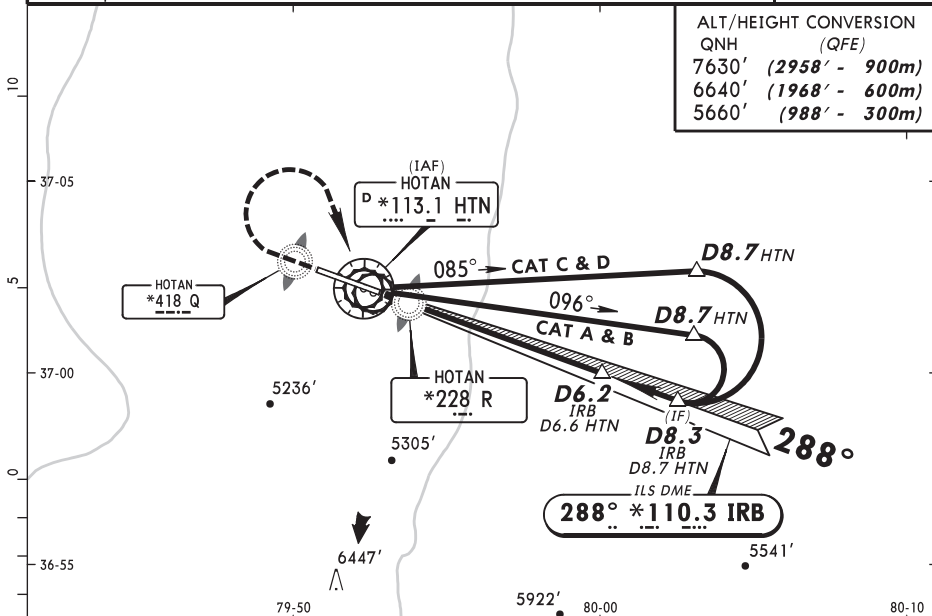
Alt Set: hPa QNH on req (QFE) Trans level: By ATC Trans alt: By ATC
Initial apch MAX 205 KT.

117° ← 272°

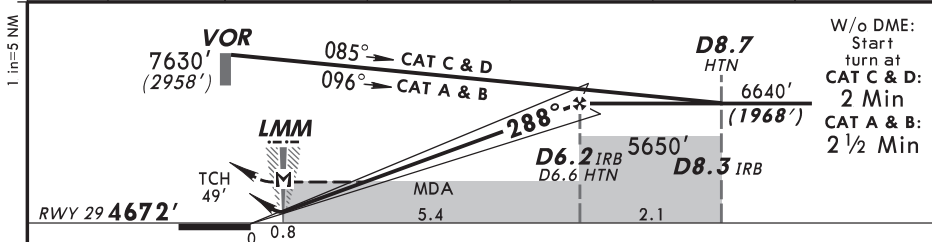
6300'

14,200'

MSA HTN VOR



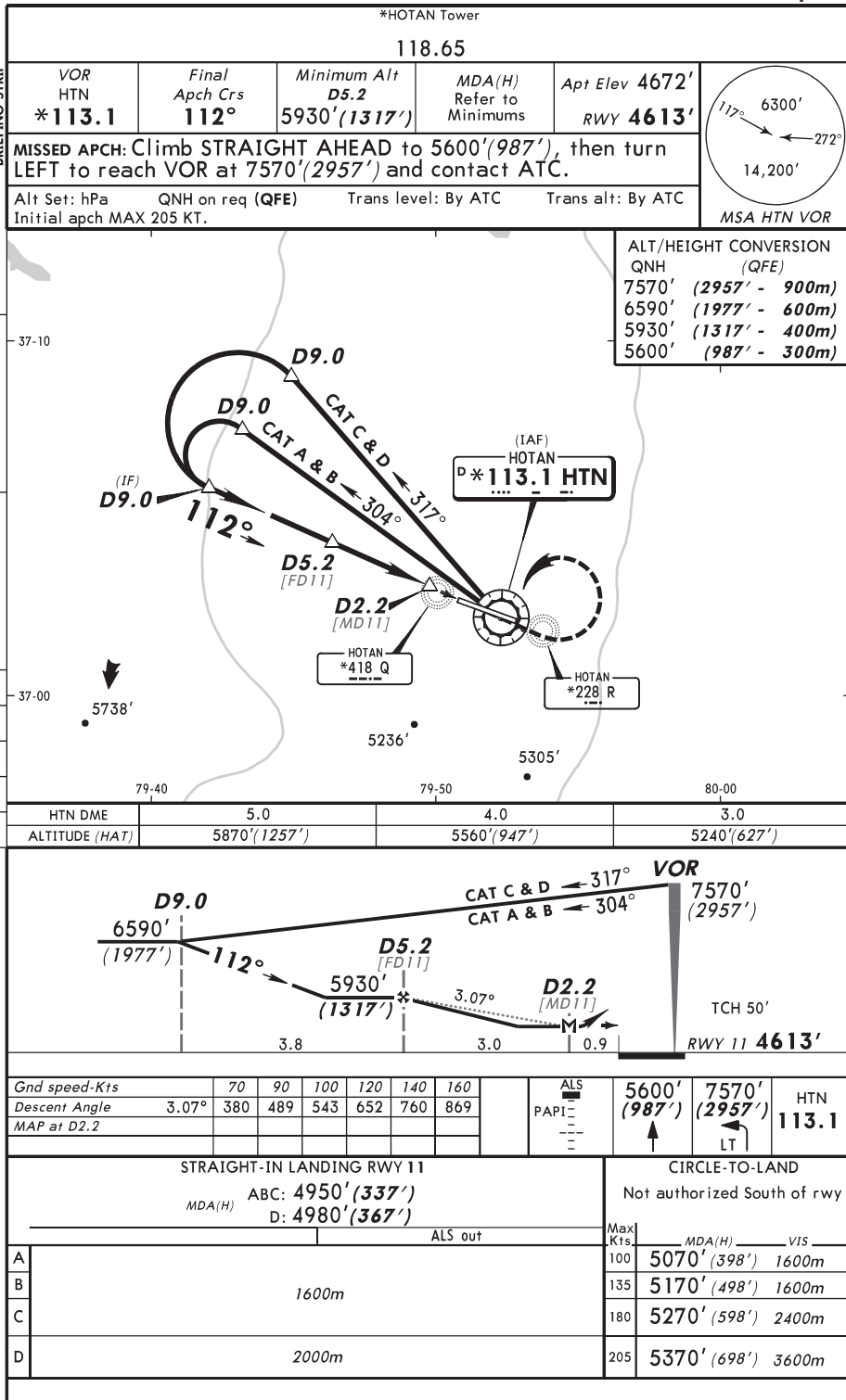
| | | | | | | |
|----------|----------------|-------------|-------------|--------------|--------------|--------------|
| LOC | IRB DME | 2.0 | 3.0 | 4.0 | 5.0 | 6.0 |
| (GS out) | ALTITUDE(HA/T) | 5300 (628') | 5620 (948') | 5930 (1258') | 6250 (1578') | 6560 (1888') |



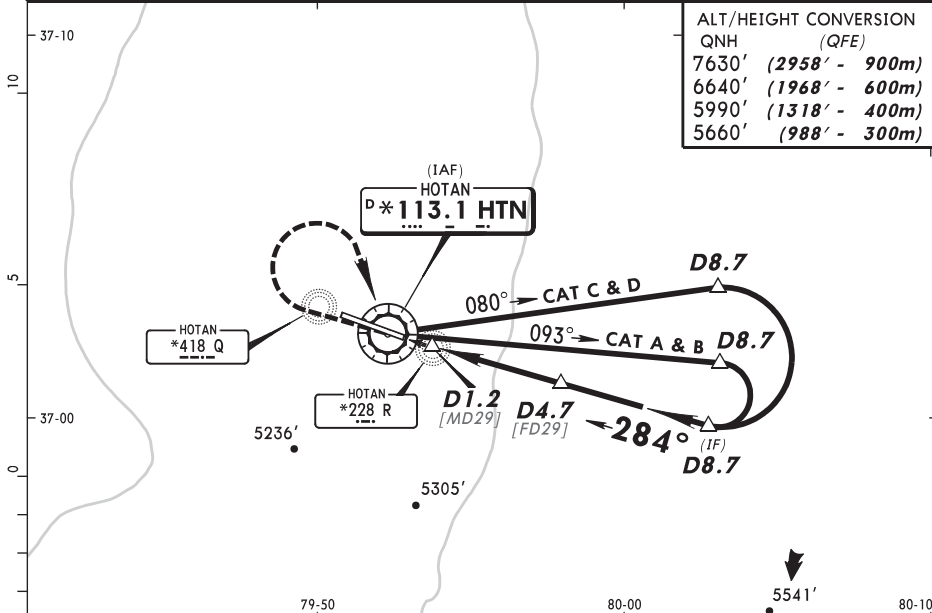
| | | | | | | | | | |
|-----------------------------|-------|-----|-----|-----|-----|-----|-----|--|--|
| Gnd speed-Kts | 70 | 90 | 100 | 120 | 140 | 160 | | | |
| ILS GS or LOC Descent Angle | 3.00° | 377 | 484 | 538 | 646 | 753 | 861 | | |
| MAP at LMM | | | | | | | | | |

| | | | | | | | | | |
|----------------------------|------|---------|-------|----------|---------------------|-----------|---------|--------------|-------|
| STRAIGHT-IN LANDING RWY 29 | | | | | CIRCLE-TO-LAND | | | | |
| ILS | | | | | LOC (GS out) | | | | |
| DA(H) 4872' (200') | | | | | MDA(H) 5020' (348') | | | | |
| FULL | | ALS out | | | LMM out | | ALS out | | |
| A | | | | | | | Max Kts | MDA(H) | VIS |
| B | | | | | | | 100 | 5070' (398') | 1600m |
| C | 800m | 1200m | 800m | NOT AUTH | RVR 1500m | VIS 1600m | 135 | 5170' (498') | 1600m |
| D | | | 1300m | | | | 180 | 5270' (598') | 2400m |
| | | | | | | | 205 | 5370' (698') | 3600m |

PANS OPS

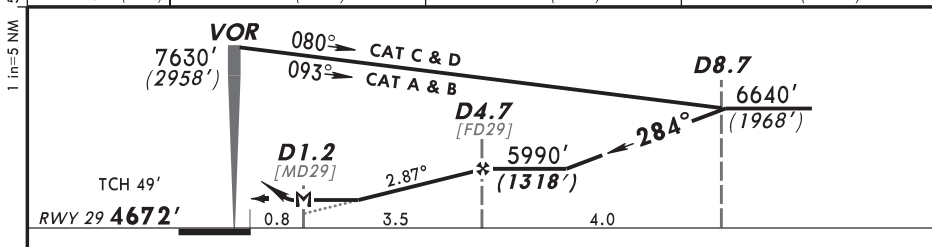


| | | | | |
|--|----------------------------------|---|--------------------------------|---|
| *HOTAN Tower | | | | |
| 118.65 | | | | |
| VOR HTN *113.1 | Final Apch Crs 284° | Minimum Alt D4.7 5990' (1318') | MDA(H) Refer to Minimums | Apt Elev 4672' RWY 4672' |
| MISSED APCH: Climb STRAIGHT AHEAD to 5660'(988'), then turn RIGHT to reach VOR at 7630'(2958') and contact ATC. | | | | |
| Alt Set: hPa | | QNH on req (QFE) | Trans level: By ATC | Trans alt: By ATC |
| Initial apch MAX 205 KT. | | | | MSA HTN VOR |



| ALT/HEIGHT CONVERSION | |
|-----------------------|----------------|
| QNH | (QFE) |
| 7630' | (2958' - 900m) |
| 6640' | (1968' - 600m) |
| 5990' | (1318' - 400m) |
| 5660' | (988' - 300m) |

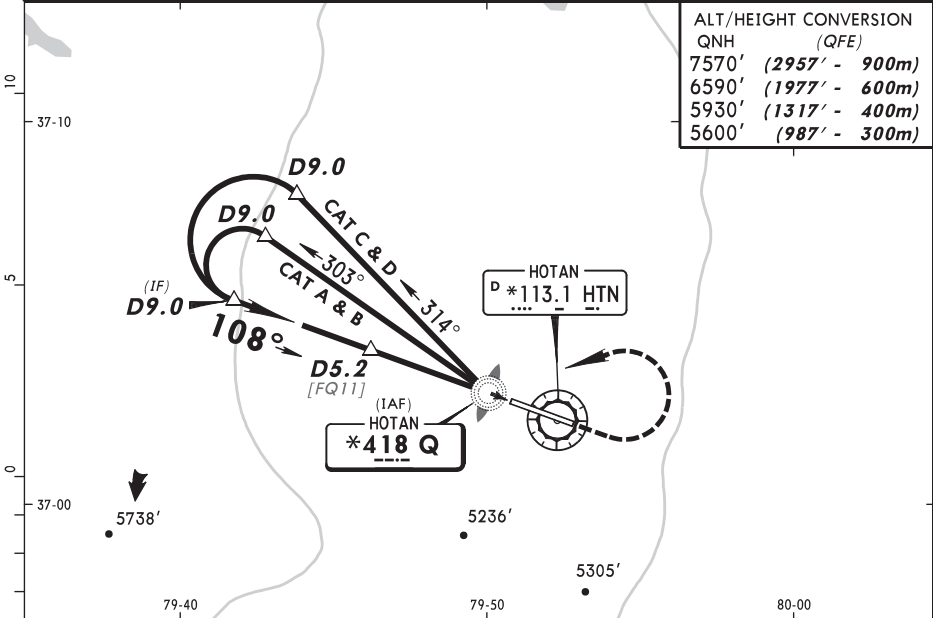
| | | | |
|----------------|--------------|--------------|---------------|
| HTN DME | 2.0 | 3.0 | 4.0 |
| ALTITUDE (HAT) | 5170' (498') | 5470' (798') | 5780' (1108') |



| | | | | | | | | | | |
|---------------|-------|-----|-----|-----|-----|-----|-------|--------|---------|-------|
| Gnd speed-Kts | 70 | 90 | 100 | 120 | 140 | 160 | HIALS | 5660' | 7630' | HTN |
| Descent Angle | 2.87° | 355 | 457 | 508 | 609 | 711 | 812 | (988') | (2958') | 113.1 |
| MAP at D1.2 | | | | | | | | | | |

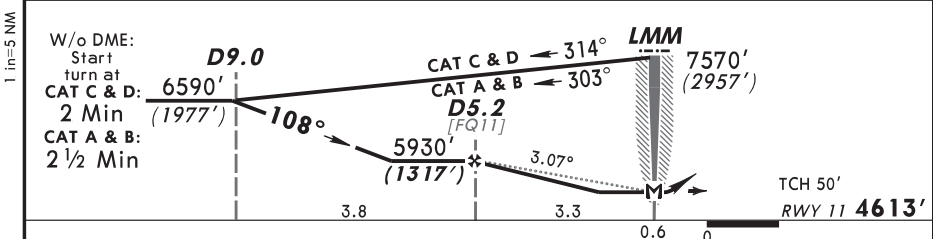
| | | | | | | | | |
|---|-------|--|--|-----------------------------|-----|--------------|--------------|-------|
| STRAIGHT-IN LANDING RWY 29 | | | | CIRCLE-TO-LAND | | | | |
| MDA(H) ABC: 5000' (328') D: 5040' (368') | | | | Not authorized South of rwy | | | | |
| | | | | ALS out | | | | |
| A | 1200m | | | RVR 1500m VIS 1600m | | Max Kts | MDA(H) | VIS |
| B | | | | | | 100 | 5070' (398') | 1600m |
| C | | | | | | 135 | 5170' (498') | 1600m |
| D | | | | | | 180 | 5270' (598') | 2400m |
| | 1600m | | | | 205 | 5370' (698') | 3600m | |

| | | | | |
|---|----------------------------------|---|--------------------------------|--|
| *HOTAN Tower | | | | |
| 118.65 | | | | |
| Lctr Q *418 | Final Apch Crs 108° | Minimum Alt D5.2 5930' (1317') | MDA(H) Refer to Minimums | Apt Elev 4672' RWY 4613' |
| MISSED APCH: Climb STRAIGHT AHEAD to 5600'(987'), then turn LEFT to reach LMM at 7570'(2957') and contact ATC. | | | | |
| Alt Set: hPa QNH on req (QFE) | | Trans level: By ATC | | |
| Initial apch MAX 205 KT. | | | | MSA HTN VOR |



| ALT/HEIGHT CONVERSION | |
|-----------------------|----------------|
| QNH | (QFE) |
| 7570' | (2957' - 900m) |
| 6590' | (1977' - 600m) |
| 5930' | (1317' - 400m) |
| 5600' | (987' - 300m) |

| | | | |
|----------------|--------------|-------------|-------------|
| HTN DME | 5.0 | 4.0 | 3.0 |
| ALTITUDE (HAT) | 5870'(1257') | 5560'(947') | 5240'(627') |



| | | | | | | | | |
|---------------|-------|-----|-----|-----|-----|-----|--------------------------------|-----|
| Gnd speed-Kts | 70 | 90 | 100 | 120 | 140 | 160 | ALS PAPI Q 418 | |
| Descent Angle | 3.07° | 380 | 489 | 543 | 652 | 760 | | 869 |
| MAP at LMM | | | | | | | | |

| | | | |
|---|-------|-----------------------------|-------------------|
| STRAIGHT-IN LANDING RWY 11 | | CIRCLE-TO-LAND | |
| MDA(H) ABC: 4950'(337') D: 4980'(367') | | Not authorized South of rwy | |
| ALS out | | Max Kts | MDA(H) VIS |
| A | | 100 | 5070'(398') 1600m |
| B | 1600m | 135 | 5170'(498') 1600m |
| C | | 180 | 5270'(598') 2400m |
| D | 2000m | 205 | 5370'(698') 3600m |

