

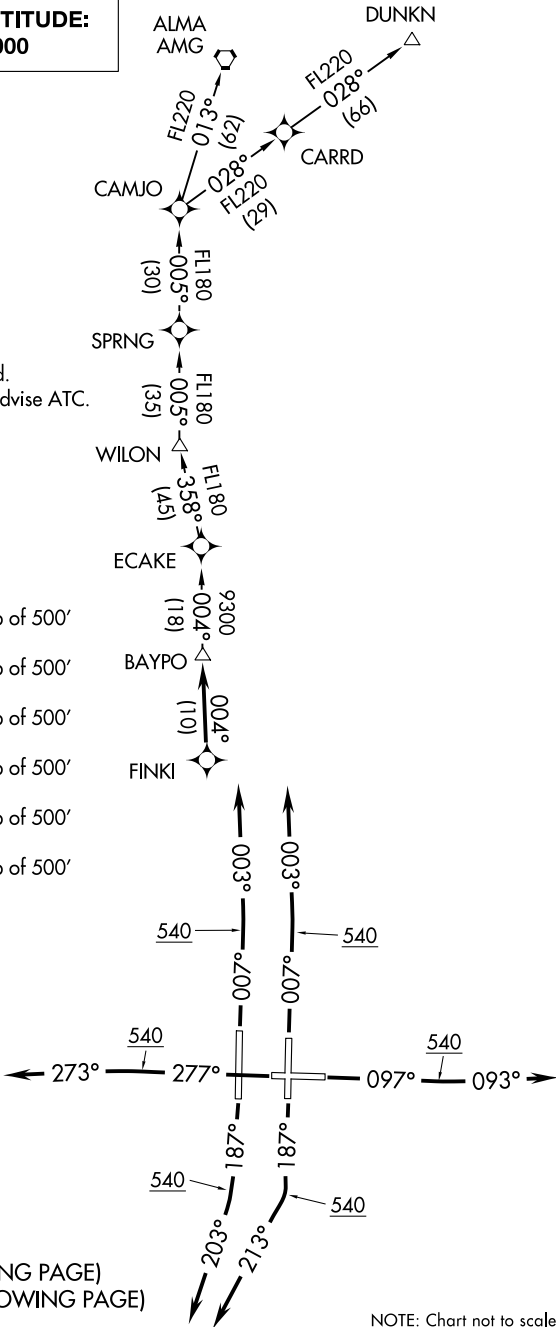
ATIS DEP
128.475
TAMPA DEP CON
118.8 239.3
CLNC DEL
133.6
CPDLC
GND CON
121.7 269.4
TAMPA TOWER
119.5 269.4

TOP ALTITUDE:
6000

- NOTE: RNAV 1.
NOTE: Turbojets only.
NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.
NOTE: Accelerate to 250K, if unable, advise ATC.

TAKEOFF MINIMUMS

- Rwy 1L: Standard with minimum climb of 500' per NM to 2600.
Rwy 1R: Standard with minimum climb of 500' per NM to 2400.
Rwy 10: Standard with minimum climb of 500' per NM to 2000.
Rwy 19L: Standard with minimum climb of 500' per NM to 2100.
Rwy 19R: Standard with minimum climb of 500' per NM to 2000.
Rwy 28: Standard with minimum climb of 500' per NM to 2100.



(NARRATIVE ON FOLLOWING PAGE)
(NOTES CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SE-3, 08 DEC 2016 to 05 JAN 2017

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DEPARTURE ROUTE DESCRIPTION

- TAKEOFF RWYS 1L/R: Climb on heading 007° to 540, then climb to assigned altitude on heading 003° or as assigned by ATC, thence....
- TAKEOFF RWY 10: Climb on heading 097° to 540, then climb to assigned altitude on heading 093° or as assigned by ATC, thence....
- TAKEOFF RWY 19L: Climb on heading 187° to 540, then climb to assigned altitude on heading 213° or as assigned by ATC, thence....
- TAKEOFF RWY 19R: Climb on heading 187° to 540, then climb to assigned altitude on heading 203° or as assigned by ATC, thence....
- TAKEOFF RWY 28: Climb on heading 277° to 540, then climb to assigned altitude on heading 273° or as assigned by ATC, thence....

....Expect radar vectors to FINKI, then on track 004° to BAYPO. Maintain 6000 or as assigned by ATC, expect clearance to filed altitude within 10 minutes after departure.

- ALMA TRANSITION (BAYPO7.AMG):
- DUNKN TRANSITION (BAYPO7.DUNKN):

TAKEOFF OBSTACLE NOTES:

- Rwy 1L: Tree 753' from DER, 697' right of centerline, 42' AGL/66' MSL.
- Rwy 1R: Powerlines 2091' from DER, 1018' right of centerline, 50' AGL/84' MSL.
- Rwy 10: Trees beginning 1282' from DER, 1' right of centerline, up to 106' AGL/118' MSL.
Tower 4214' from DER, 266' right of centerline, 105' AGL/145' MSL.
Ground 135' from DER, 494' left of centerline, 30' MSL.
Trees beginning 1643' from DER, 205' left of centerline, up to 103' AGL/114' MSL.
- Rwy 19L: Antenna on building 3279' from DER, 1160' left of centerline, 145' AGL/155' MSL.
Building 4755' from DER, 1523' left of centerline, 146' AGL/155' MSL.
- Rwy 19R: Trees beginning 482' from DER, 578' right of centerline, up to 33' AGL/37' MSL.
- Rwy 28: Trees beginning 479' from DER, 359' right of centerline, up to 53' AGL/67' MSL.
Sign 764' from DER, 436' right of centerline, 26' AGL/40' MSL.
Multiple trees beginning 129' from DER, 84' left of centerline, up to 54' AGL/68' MSL.
Pole 475' from DER, 437' left of centerline, 30' AGL/35' MSL.
Plane on taxiway 1497' from DER, right and left of centerline, up to 65' AGL/74' MSL.
Building 4355' from DER, 1647' left of centerline, 146' AGL/151' MSL.
Antenna on Pole 5583' from DER, 1162' left of centerline, 146' AGL/158' MSL.

TOP ALTITUDE:
6000

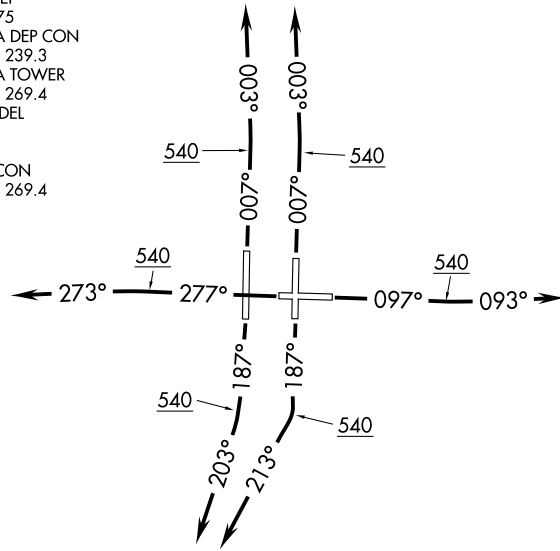
(CROWD7.CROWD) 16259
CROWD SEVEN DEPARTURE (RNAV) SL-416 (FAA)

TAMPA INTL (TPA)
TAMPA, FLORIDA

TAKEOFF MINIMUMS

Rwys 1L/R: Standard with minimum climb of 500' per NM to 540.
Rwy 10: Standard with minimum climb of 500' per NM to 900.
Rwy 19L: Standard with minimum climb of 500' per NM to 760.
Rwy 19R: Standard with minimum climb of 500' per NM to 600.
Rwy 28: Standard with minimum climb of 500' per NM to 600.

NOTE: RNAV 1.
NOTE: Turbojets only.
NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS Required.
NOTE: Accelerate to 250K, if unable, advise ATC.



116°
(13)

CROWD

11500
116°
(21)

HALLR

(NARRATIVE ON FOLLOWING PAGE)
(NOTES CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

CROWD SEVEN DEPARTURE (RNAV)
(CROWD7.CROWD) 25JUN15

TAMPA, FLORIDA
TAMPA INTL (TPA)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWYS 1L/R: Climb on heading 007° to 540, then climb to assigned altitude on heading 003° or as assigned by ATC, thence....

TAKEOFF RWY 10: Climb on heading 097° to 540, then climb to assigned altitude on heading 093° or as assigned by ATC, thence....

TAKEOFF RWY 19L: Climb on heading 187° to 540, then climb to assigned altitude on heading 213° or as assigned by ATC, thence....

TAKEOFF RWY 19R: Climb on heading 187° to 540, then climb to assigned altitude on heading 203° or as assigned by ATC, thence....

TAKEOFF RWY 28: Climb on heading 277° to 540, then climb to assigned altitude on heading 273° or as assigned by ATC, thence....

....Expect radar vectors to MILEJ, then on track 116° to CROWD. Maintain 6000 or as assigned by ATC, expect clearance to filed altitude within 10 minutes after departure.

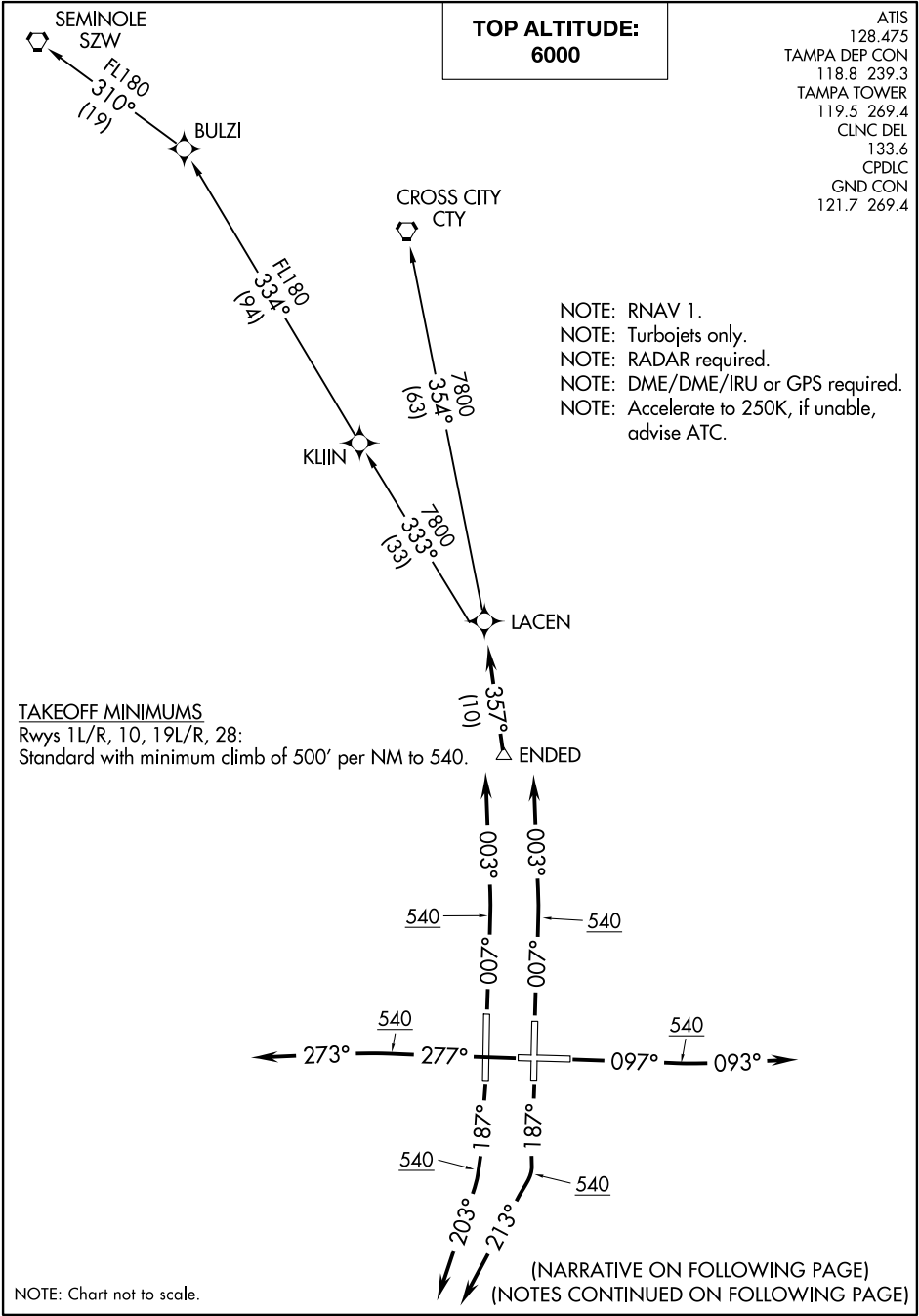
HALLR TRANSITION (CROWD7.HALLR):

TAKEOFF OBSTACLE NOTES:

- Rwy 1L: Tree 753’ from DER, 697’ right of centerline, 42’ AGL/66’ MSL.
- Rwy 1R: Powerlines 2091’ from DER, 1018’ right of centerline, 50’ AGL/84’ MSL.
- Rwy 10: Trees beginning 1282’ from DER, 1’ right of centerline, up to 106’ AGL/118’ MSL. Tower 4214’ from DER, 266’ right of centerline, 105’ AGL/145’ MSL. Ground 135’ from DER, 494’ left of centerline, 30’ MSL. Trees beginning 1643’ from DER, 205’ left of centerline, up to 103’ AGL/114’ MSL.
- Rwy 19L: Antenna on building 3279’ from DER, 1160’ left of centerline, 145’ AGL/155’ MSL. Building 4755’ from DER, 1523’ left of centerline, 146’ AGL/155’ MSL.
- Rwy 19R: Trees beginning 482’ from DER, 578’ right of centerline, up to 33’ AGL/37’ MSL.
- Rwy 28: Trees beginning 479’ from DER, 359’ right of centerline, up to 53’ AGL/67’ MSL. Sign 764’ from DER, 436’ right of centerline, 26’ AGL/40’ MSL. Multiple trees beginning 129’ from DER, 84’ left of centerline, up to 54’ AGL/68’ MSL. Pole 475’ from DER, 437’ left of centerline, 30’ AGL/35’ MSL. Plane on taxiway 1497’ from DER, right and left of centerline, up to 65’ AGL/74’ MSL. Building 4355’ from DER, 1647’ left of centerline, 146’ AGL/151’ MSL. Antenna on Pole 5583’ from DER, 1162’ left of centerline, 146’ AGL/158’ MSL.

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ATIS
128.475
TAMPA DEP CON
118.8 239.3
TAMPA TOWER
119.5 269.4
CLNC DEL
133.6
CPDLC
GND CON
121.7 269.4

SE-3, 08 DEC 2016 to 05 JAN 2017

SE-3, 08 DEC 2016 to 05 JAN 2017



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWYS 1L/R: Climb on heading 007° to 540, then climb to assigned altitude on heading 003° or as assigned by ATC, thence....
TAKEOFF RWY 10: Climb heading 097° to 540, then climb to assigned altitude on heading 093° or as assigned by ATC, thence....
TAKEOFF RWY 19L: Climb on heading 187° to 540, then climb to assigned altitude on heading 213° or as assigned by ATC, thence....
TAKEOFF RWY 19R: Climb on heading 187° to 540, then climb to assigned altitude on heading 203° or as assigned by ATC, thence....
TAKEOFF RWY 28: Climb on heading 277° to 540, then climb to assigned altitude on heading 273° or as assigned by ATC, thence....

....Expect radar vectors to ENDED, then on track 357° to LACEN. Maintain 6000 or as assigned by ATC, expect clearance to filed altitude within 10 minutes after departure.

CROSS CITY TRANSITION (ENDED7.CTY):
SEMINOLE TRANSITION (ENDED7.SZW):

TAKEOFF OBSTACLE NOTES:

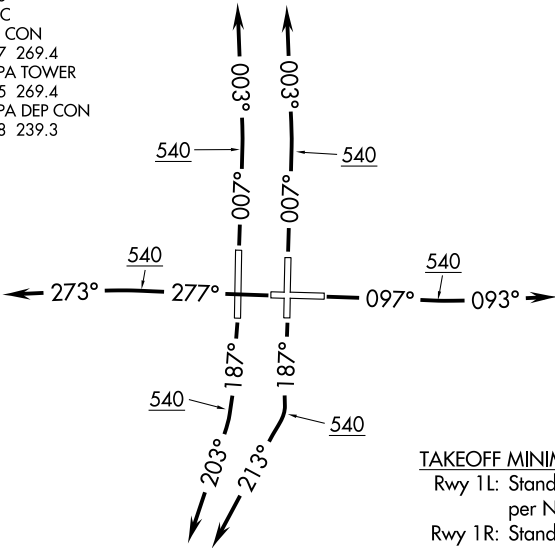
- Rwy 1L: Tree 753' from DER, 697' right of centerline, 42' AGL/66' MSL.
Rwy 1R: Powerlines 2091' from DER, 1018' right of centerline, 50' AGL/84' MSL.
Rwy 10: Trees beginning 1282' from DER, 1' right of centerline, up to 106' AGL/118' MSL. Tower 4214' from DER, 266' right of centerline, 105' AGL/145' MSL. Ground 135' from DER, 494' left of centerline, 30' MSL. Trees beginning 1643' from DER, 205' left of centerline, up to 103' AGL/114' MSL.
Rwy 19L: Antenna on building 3279' from DER, 1160' left of centerline, 145' AGL/155' MSL. Building 4755' from DER, 1523' left of centerline, 146' AGL/155' MSL.
Rwy 19R: Trees beginning 482' from DER, 578' right of centerline, up to 33' AGL/37' MSL.
Rwy 28: Trees beginning 479' from DER, 359' right of centerline, up to 53' AGL/67' MSL. Sign 764' from DER, 436' right of centerline, 26' AGL/40' MSL. Multiple trees beginning 129' from DER, 84' left of centerline, up to 54' AGL/68' MSL. Pole 475' from DER, 437' left of centerline, 30' AGL/35' MSL. Plane on taxiway 1497' from DER, right and left of centerline, up to 65' AGL/74' MSL. Building 4355 from DER, 1647' left of centerline, 146' AGL/151' MSL. Antenna on pole 5583' from DER, 1162' left of centerline, 146' AGL/158' MSL.

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ATIS DEP
128.475
CLNC DEL
133.6
CPDLC
GND CON
121.7 269.4
TAMPA TOWER
119.5 269.4
TAMPA DEP CON
118.8 239.3

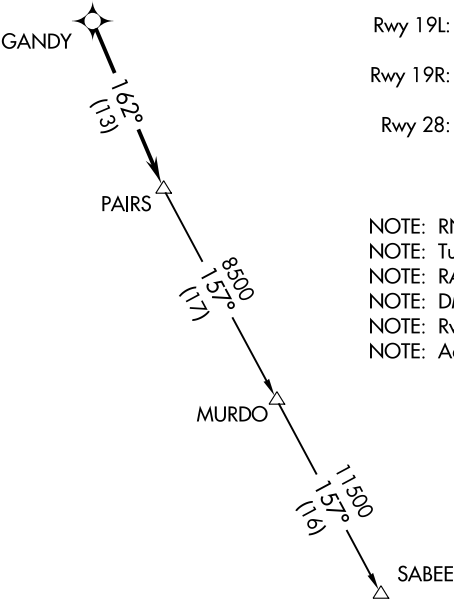
TOP ALTITUDE:
6000



TAKEOFF MINIMUMS

- Rwy 1L: Standard with minimum climb of 500' per NM to 3800.
- Rwy 1R: Standard with minimum climb of 500' per NM to 3900.
- Rwy 10: Standard with minimum climb of 500' per NM to 4200.
- Rwy 19L: Standard with minimum climb of 500' per NM to 4400.
- Rwy 19R: Standard with minimum climb of 500' per NM to 4400.
- Rwy 28: Standard with minimum climb of 500' per NM to 4300.

NOTE: RNAV 1.
NOTE: Turbojets only.
NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.
NOTE: Rwy 1L/1R expect left turn to GANDY
NOTE: Accelerate to 250K, if unable advise ATC.



(NARRATIVE ON FOLLOWING PAGE)
(NOTES CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SE-3, 08 DEC 2016 to 05 JAN 2017

SE-3, 08 DEC 2016 to 05 JAN 2017



DEPARTURE ROUTE DESCRIPTION

- TAKEOFF RWYS 1L/R: Climb on heading 007° to 540, then climb to assigned altitude on heading 003° or as assigned by ATC, thence....
- TAKEOFF RWY 10: Climb on heading 097° to 540, then climb to assigned altitude on heading 093° or as assigned by ATC, thence....
- TAKEOFF RWY 19L: Climb on heading 187° to 540, then climb to assigned altitude on heading 213° or as assigned by ATC, thence....
- TAKEOFF RWY 19R: Climb on heading 187° to 540, then climb to assigned altitude on heading 203° or as assigned by ATC, thence....
- TAKEOFF RWY 28: Climb on heading 277° to 540, then climb to assigned altitude on heading 273° or as assigned by ATC, thence....

....Expect radar vectors to GANDY, then on track 162° to PAIRS. Maintain 6000 or as assigned by ATC, expect clearance to filed altitude within 10 minutes after departure.

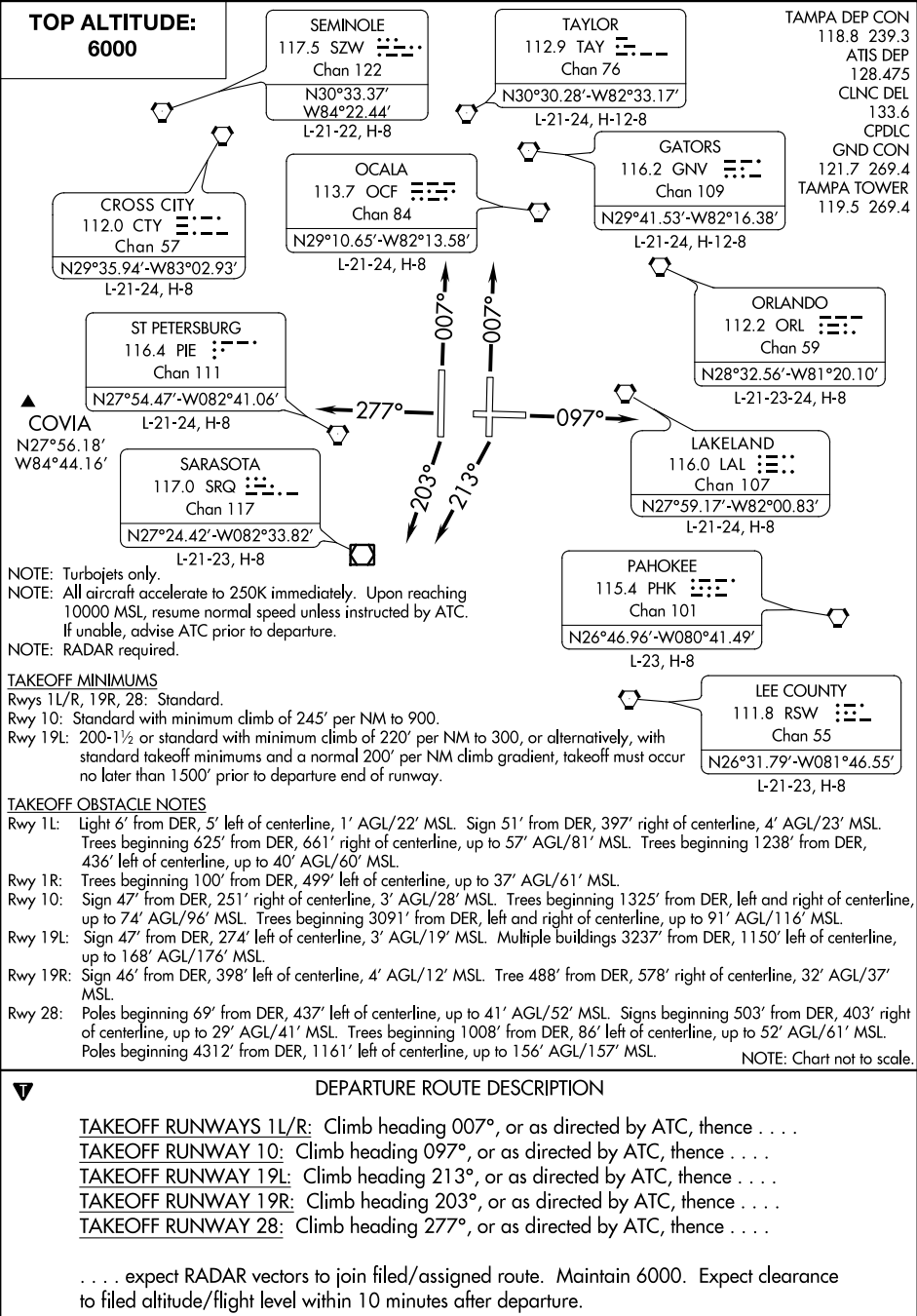
SABEE TRANSITION (GANDY7.SABEE):

TAKEOFF OBSTACLE NOTES:

- Rwy 1L: Tree 753' from DER, 697' right of centerline, 42' AGL/66' MSL.
- Rwy 1R: Powerlines 2091' from DER, 1018' right of centerline, 50' AGL/84' MSL.
- Rwy 10: Trees beginning 1282' from DER, 1' right of centerline, up to 106' AGL/118' MSL. Tower 4214' from DER, 266' right of centerline, 105' AGL/145' MSL. Ground 135' from DER, 494' left of centerline, 30' MSL. Trees beginning 1643' from DER, 205' left of centerline, up to 103' AGL/114' MSL.
- Rwy 19L: Antenna on building 3279' from DER, 1160' left of centerline, 145' AGL/155' MSL. Building 4755' from DER, 1523' left of centerline, 146' AGL/155' MSL.
- Rwy 19R: Trees beginning 482' from DER, 578' right of centerline, up to 33' AGL/37' MSL.
- Rwy 28: Trees beginning 479' from DER, 359' right of centerline, up to 53' AGL/67' MSL. Sign 764' from DER, 436' right of centerline, 26' AGL/40' MSL. Multiple trees beginning 129' from DER, 84' left of centerline, up to 54' AGL/68' MSL. Pole 475' from DER, 437' left of centerline, 30' AGL/35' MSL. Plane on taxiway 1497' from DER, right and left of centerline, up to 65' AGL/74' MSL. Building 4355' from DER, 1647' left of centerline, 146' AGL/151' MSL. Antenna on Pole 5583' from DER, 1162' left of centerline, 146' AGL/158' MSL.

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SYKES SEVEN DEPARTURE (RNAV)
(SYKES7.SYKES) 25JUN15

SYKES SEVEN DEPARTURE (RNAV)

TAMPA, FLORIDA
TAMPA INTL (TPA)**TOP ALTITUDE:
6000****TAKEOFF MINIMUMS**Rwys 1L/R, 10, 19L/R, 28: Standard with
minimum climb of 500' per NM to 540.

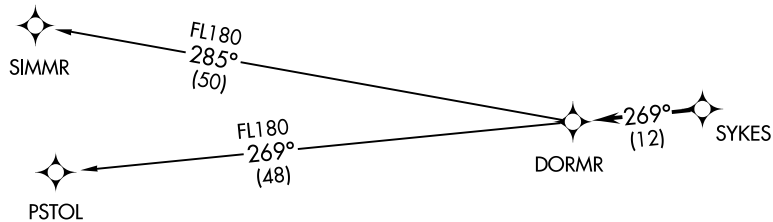
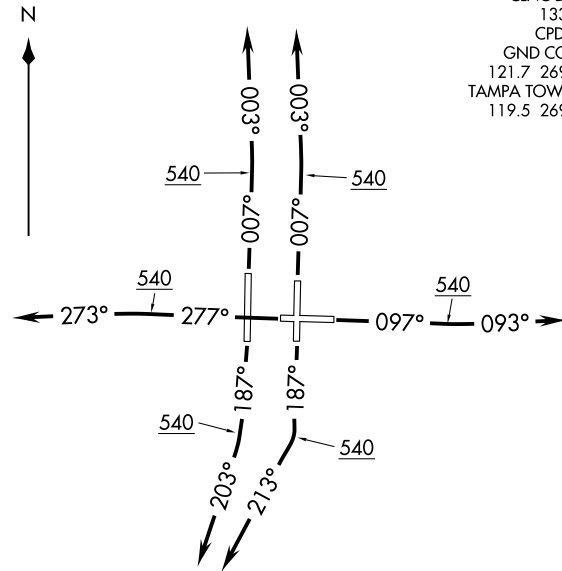
NOTE: RNAV 1.

NOTE: Turbojets only.

NOTE: RADAR required.

NOTE: DME/DME/IRU or GPS required.

NOTE: Accelerate to 250K, if unable, advise ATC.

NOTE: Minimum climb of 275 ft per NM to 9000
is required beginning at SYKES.(NARRATIVE ON FOLLOWING PAGE)
(NOTES CONTINUED ON FOLLOWING PAGE)

ATIS DEP 128.475
TAMPA DEP CON 118.8 239.3
CLNC DEL 133.6
CPDLC
GND CON 121.7 269.4
TAMPA TOWER 119.5 269.4

(SYKES7.SYKES) 16259
SYKES SEVEN DEPARTURE (RNAV)
SL-416 (FAA)TAMPA INTL (TPA)
TAMPA, FLORIDA

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWYS 1L/R: Climb on heading 007° to 540, then climb to assigned altitude on heading 003°, or as assigned by ATC thence. . . .

TAKEOFF RWY 10: Climb on heading 097° to 540, then climb to assigned altitude on heading 093° or as assigned by ATC, thence. . . .

TAKEOFF RWY 19L: Climb on heading 187° to 540, then climb to assigned altitude on heading 213°, or as assigned by ATC thence. . . .

TAKEOFF RWY 19R: Climb on heading 187° to 540, then climb to assigned altitude on heading 203°, or as assigned by ATC thence. . . .

TAKEOFF RWY 28: Climb on heading 277° to 540, then climb to assigned altitude on heading 273° or as assigned by ATC, thence. . . .

. . . .Expect RADAR vectors to SYKES, then on track 269° to DORMR. Maintain 6000 or as assigned by ATC. Expect clearance to filed altitude within 10 minutes after departure.

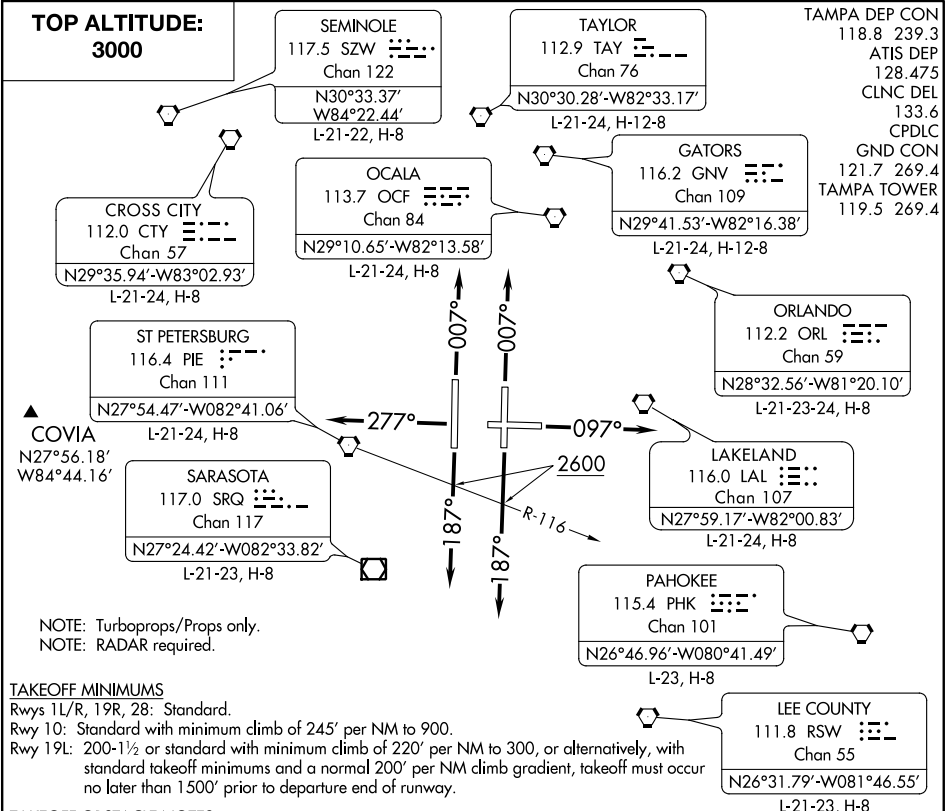
PSTOL TRANSITION (SYKES7.PSTOL):
SIMMR TRANSITION (SYKES7.SIMMR):

TAKEOFF OBSTACLE NOTES:

- Rwy 1L: Tree 753' from DER, 697' right of centerline, 42' AGL/66' MSL.
- Rwy 1R: Powerlines 2091' from DER, 1018' right of centerline, 50' AGL/84' MSL.
- Rwy 10: Trees beginning 1282' from DER, 1' right of centerline, up to 106' AGL/118' MSL. Tower 4214' from DER, 266' right of centerline 105', AGL/145' MSL. Ground 135' from DER, 494' left of centerline, 30' MSL. Trees beginning 1643' from DER, 205' left of centerline, up to 103' AGL/114' MSL.
- Rwy 19L: Antenna on building 3279' from DER, 1160' left of centerline, 145' AGL/155' MSL. Building 4755' from DER, 1523' left of centerline, 146' AGL/155' MSL.
- Rwy 19R: Trees beginning 482' from DER, 578' right of centerline, up to 33' AGL/37' MSL.
- Rwy 28: Trees beginning 479' from DER, 359' right of centerline, up to 53' AGL/67' MSL. Sign 764' from DER, 436' right of centerline, 26' AGL/40' MSL. Multiple trees beginning 129' from DER, 84' left of centerline, up to 54'AGL/68' MSL. Pole 475' from DER, 437' left of centerline 30' AGL/35' MSL. Plane on taxiway 1497' from DER, right and left of centerline, up to 65' AGL/74' MSL. Building 4355' from DER, 1647' left of centerline, 146' AGL/151' MSL. Antenna on pole 5583' from DER, 1162' left of centerline 146' AGL/158' MSL.

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TAKEOFF MINIMUMS

- Rwys 1L/R, 19R, 28: Standard.
- Rwy 10: Standard with minimum climb of 245' per NM to 900.
- Rwy 19L: 200-1½ or standard with minimum climb of 220' per NM to 300, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1500' prior to departure end of runway.

TAKEOFF OBSTACLE NOTES

- Rwy 1L: Light 6' from DER, 5' left of centerline, 1' AGL/22' MSL. Sign 51' from DER, 397' right of centerline, 4' AGL/23' MSL. Trees beginning 625' from DER, 499' right of centerline, up to 57' AGL/81' MSL. Trees beginning 1238' from DER, 436' left of centerline, up to 40' AGL/60' MSL.
- Rwy 1R: Trees beginning 100' from DER, 499' left of centerline, up to 37' AGL/61' MSL.
- Rwy 10: Sign 47' from DER, 251' right of centerline, 3' AGL/28' MSL. Trees beginning 1325' from DER, left and right of centerline, up to 74' AGL/96' MSL. Trees beginning 3091' from DER, left and right of centerline, up to 91' AGL/116' MSL.
- Rwy 19L: Sign 47' from DER, 274' left of centerline, 3' AGL/19' MSL. Multiple buildings 3237' from DER, 1150' left of centerline, up to 168' AGL/176' MSL.
- Rwy 19R: Sign 46' from DER, 398' left of centerline, 4' AGL/12' MSL. Tree 488' from DER, 578' right of centerline, 32' AGL/37' MSL.
- Rwy 28: Poles beginning 69' from DER, 437' left of centerline, up to 41' AGL/52' MSL. Signs beginning 503' from DER, 403' right of centerline, up to 29' AGL/41' MSL. Trees beginning 1008' from DER, 86' left of centerline, up to 52' AGL/61' MSL. Poles beginning 4312' from DER, 1161' left of centerline, up to 156' AGL/157' MSL.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 1L/R: Climb heading 007°, or as assigned by ATC, thence . . .

TAKEOFF RUNWAY 10: Climb heading 097°, or as assigned by ATC, thence . . .

TAKEOFF RUNWAYS 19L/R: Climb heading 187° to cross PIE R-116 at or above 2600, or as assigned by ATC, thence . . .

TAKEOFF RUNWAY 28: Climb heading 277°, or as assigned by ATC, thence . . .

. . . expect RADAR vectors to join filed/assigned route. Maintain 3000. Expect clearance to filed altitude/flight level within 10 minutes after departure.

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