| NAME: BORST | | | STATE: FL | COUNTRY: US | ICAO REGION CODE: K7 | | | |
|---|--|-----------------|-------------------------|--------------------|-------------------------|--|--|--|
| LATITUDE/LONGITUDE: 275501.42N/0822500.77W TYPE: WP | | | | | | | | |
| AIRSPACE DOCK | ET: | FIX TYPE OF AC | CTION: ESTABLISH | | | | | |
| HOLDING: | | | OF ACTION: | | | | | |
| FIX USE: USE TYPE STAR | USE TITLE DADES (RNAV) | FAC P/ | AT AIRPORT IDEN KTPA | NT CITY TAMPA | STATE FL (US) | | | |
| REQUIRED CHAR | TING: STAR | | | | | | | |
| COMPULSORY REPORTING POINT: NO | | | | | | | | |
| RECORD REVISIO | N NUMBER: ORIG | DATE OF REVISIO | N: 04/22/2021 | | | | | |
| INITIATED BY: | DATE: | ORGANIZATION: | | NAME: | | | | |
| OFFICE OF PRIMA | ARY RESPONSIBILITY: | AJV-A423 | | NAME: PHILLIP BRAN | DENBURG | | | |
| APPROVED BY: | DATE: 04/01/2021 | OFFICE: A | JV-A420 | NAME: MARLON ROB | INSON | | | |
| | SIGNATURE: | | | | | | | |
| DISTRIBUTION: | NFDC FPO: EST ARTCC: ZMA ATC FACILITY: TPA AP OTHER: | P CON | | | | | | |

| RADIO FIX AND HOLDING DATA RECORD | | | | | | | | | | | | | | |
|--|---------------------------------|--|--------------------------|----------------------------------|-----------|---------------------------|---|----------------|---|----------|--|----------------------|--|----------------------------------|
| NAME: DADES | | | | | | STA | E: FL | | COUNTRY | :US | ICA | O REGIO | | : K7 |
| LATITUDE/LON | GITUDE: 28 | 2145.62N/082 | 1507.80W | | | ТҮРЕ | : WP, IN | NT, DME | E | | | | | |
| AIRSPACE DOC | CKET: 24-AS | SO-10 | F | ΙΧ ΤΥΡΕ | OF ACTIO | DN: MO | DIFY | | | | | | | |
| FIX MAKE-UP F FAC NAME | ACILITIES: | | IDENT | TYPE | (| CLASS | | TRUE | DM | IE DIS | ST FROM | | MRA | MAA |
| 1 ST PETE 2 LAKELAN 3 GATORS 4 ORLAND | 6 | | PIE LAL GNV ORL | VORTA VORTA VORTA VORTA | | н VH VH | BRG 045.00 329.77 183.21 257.70 | 330.7 179.2 | 7 25.8 1 79.5 | 33 57 | NM 35.59 25.83 79.57 49.69 | FEET | 5000 1800 7000 7000 | 17500 17500 17500 17500 |
| EXPANDED SEI FAC IDENT GNV | RVICE VOLU FAC TYI VORTAC | PE R/ | ADIAL/BEA 183 | RING | DIS | TANCE 80 | | MIN AI | L TITUDE 7000 | | МАХ | CALTITU 17 | JDE 500 | |
| FIX RESTRICTION MRA V7 5000 | ONS: | | | | | | | | | | | | | |
| HOLDING: | | | нс | DLDING | TYPE OF | ACTION | I: MODI | FY | | | | | | |
| PATTERNS: PAT DIR | IDENT | ТҮРЕ | RAD/CRS | 5/BRG | CRS | h | | | LENGTH H | | | | | ES MAX |
| 1 NW | LAL | VORTAC | 329.77 | | 149.77 | | R | 1 | | 3000 | | 000 | 6 | 7 |
| CONTROLLING PAT AIRSPE 1 2 | ED OBS1 | rions: ruction Er (12-002118 | 5) | | | |)RDINA)18.09N/ | | 1.65W | ELEV | ATION 714 | ACCUF 1A | RACY CC | DE |
| HOLDING RESTRICTIONS: TACAN HOLDING NOT AUTHORIZED PAT 1 - TACAN AZIMUTH UNUSABLE 321-339 BLO 6000. | | | | | | | | | | | | | | |
| REMARKS: ST PETERSBURG (FAC 1) AND LAKELAND (FAC 2) USED TO ESTABLISH FIX COORDINATES. PRECIPITOUS TERRAIN EVALUATION COMPLETED. MRA FLAG BASED ON FLIGHT CHECK EVAL RESTRICTING PIE RECEPTION TO 5000. | | | | | | | | | | | | | | |
| FIX USE: USE TYPE EN ROUTE EN ROUTE | USE TII V581 V7 | | | FAC 1, 2 1, 2 | | | PORT ID | ENT | СІТҮ | | | | STATE (US) FL (US) | |
| IAP IAP IAP STAR | RNAV (| LOC RWY 9 GPS) RWY 1 GPS) RWY 22 (RNAV) | | 2 | 1 | KBK KINF KTP KCL | = F | | BROOKSVI INVERNES TAMPA CLEARWA ⁻ | S | | | FL (US) FL (US) FL (US) FL (US) | |
| STAR STAR | DADES DADES | (RNAV) (RNAV) | | | | KSP KPIE | 1 | | ST PETERS | | | VATER | FL (US) FL (US) | |
| STAR STAR STAR STAR | | | | | | KMC KTP KTP KVD | A F | | TAMPA TAMPA TAMPA TAMPA | | | | FL (US) FL (US) FL (US) FL (US) | |
| REQUIRED CHARTING: STAR, IAP, EN ROUTE LOW, CONTROLLER LOV | | | | | | | | | | | | | | |
| COMPULSORY REPORTING POINT: NO | | | | | | | | | | | | | | |
| RECORD REVIS | | ER: 21 | DAT | E OF RE | VISION: (| 04/17/20 | 25 | | | | | | | |
| REASON FOR REVISION: AIRSPACE DOCKET: ADDED 24-ASO-10 FIX MAKE-UP FACILITIES: "FAC 2 LAKELAND (LAL) VORTAC CLASS CHANGED FROM "H" TO "VH" AND "FAC 4 ORLANDO (ORL) VORTAC CLASS CHANGED FROM "H" TO "VH" EXPANDED SERVICE VOLUME (ESV): REMOVED "ORL VORTAC R-258 50 7000 14500" FIX RESTRICTIONS: REMOVED "MRA V521 5000" PROCEDURES REQUIRING CLIMB-IN-HOLD: ADDED "PAT 1 ILS OR LOC RWY 9 KBKV BROOKSVILLE FL" FIX USE: REMOVED V521, ADDED STAR DADES (RNAV) KCLW CLEARWATER FL, STAR DADES (RNAV) KSPG ST PETERSBURG FL AND STAR DADES (RNAV) KTPF TAMPA FL | | | | | | | | | | | | | | |
| INITIATED BY: | D | ATE: | ORG | ANIZAT | ION: | | | NA | ME: | | | | | |
| OFFICE OF PRI | MARY RESP | PONSIBILITY: | | AJV | -A423 | | | NA | ME: GALE S | SHELTO | N | | | |
| APPROVED BY: | : D | ATE: 03/13/20 |)25 | OFF | ICE: AJV- | A423 | | NA | ME: ALLAN | WILL | | | | |

SIGNATURE:

| NAME: GUZDA | | | STATE: FL | COUNTRY: US | ICAO REGION CODE: K7 | | |
|--|--|-----------------|-------------------------------|-----------------------------|------------------------------------|--|--|
| LATITUDE/LONG | ITUDE: 275926.58N/0822455 | .15W | TYPE: WP | | | | |
| AIRSPACE DOCH | KET: | FIX TYPE OF A | ACTION: NO CHAN | GE | | | |
| HOLDING: | | HOLDING TYPE | E OF ACTION: NO (| CHANGE | | | |
| FIX USE: USE TYPE STAR STAR | USE TITLE BLFRG (RNAV) DADES (RNAV) | FAC F | PAT AIRPORT I KTPA KTPA | DENT CITY TAMPA TAMPA | STATE FL (US) FL (US) | | |
| REQUIRED CHAI | RTING: STAR | | | | | | |
| COMPULSORY R | EPORTING POINT: NO | | | | | | |
| RECORD REVISI | ON NUMBER: 2 | DATE OF REVISIO | ON: 10/07/2021 | | | | |
| REASON FOR REVISION: UPDATED FIX USE, REMOVED DEAKK STAR (RNAV) FROM KTPA. | | | | | | | |
| INITIATED BY: | DATE: | ORGANIZATION: | | NAME: | | | |
| OFFICE OF PRIM | ARY RESPONSIBILITY: | AJV-A423 | 3 | NAME: TOMMY BYRN | IS | | |
| APPROVED BY: | DATE: 10/07/2021 | OFFICE: | AJV-A420 | NAME: MARLON ROE | BINSON | | |
| | SIGNATURE: | | | | | | |



| NAME: JKBAL | | | STATE: FL | COUNTRY: US | ICAO REGION CODE: K7 | | |
|--|----------------------------------|-------------------|------------------------------|----------------------|-------------------------|--|--|
| LATITUDE/LONG | ITUDE: 281722.88N/0822407 | 7.97W | TYPE: WP | | | | |
| AIRSPACE DOCK | (ET: | FIX TYPE OF ACT | ION: NO CHANGE | | | | |
| HOLDING: | | HOLDING TYPE OF | ACTION: NO CHANG | GE | | | |
| FIX USE: USE TYPE STAR | USE TITLE DADES (RNAV) | FAC PAT | AIRPORT IDENT KTPA | CITY TAMPA | STATE FL (US) | | |
| REQUIRED CHARTING: STAR | | | | | | | |
| COMPULSORY REPORTING POINT: NO | | | | | | | |
| RECORD REVISION NUMBER: 3 | | DATE OF REVISION: | 05/19/2022 | | | | |
| REASON FOR REVISION: REMOVED KTPA BLFRG (RNAV) STAR FROM FIX USE. | | | | | | | |
| INITIATED BY: | DATE: | ORGANIZATION: | I | NAME: | | | |
| OFFICE OF PRIMARY RESPONSIBILITY: | | AJV-A423 | I | NAME: RALPH DUMAR | | | |
| APPROVED BY: | DATE: 05/19/2022 | OFFICE: AJ | /-A420 | NAME: MARLON ROBIN | SON | | |
| | SIGNATURE: | | | | | | |

| BRG BRG NM FEET 1 ST PETERSBURG PIE VORTAC H 137.79 132.79 19.00 19.00 2000 4500 | LATITUDE/LONGITUDE: 274130.57N/0822521.07V AIRSPACE DOCKET: FIX MAKE-UP FACILITIES: FAC NAME IDENT 1 ST PETERSBURG PIE 2 LAKELAND LAL HOLDING: FIX USE: USE TYPE USE TITLE IAP RNAV (GPS) Z RWY 19L STAR BLFRG (RNAV) STAR BLFRG (RNAV) STAR BRDGE STAR DADES (RNAV) REQUIRED CHARTING: STAR, IAP, EN ROUTE LCC COMPULSORY REPORTING POINT: NO RECORD REVISION NUMBER: 8 D/ REASON FOR REVISIONE 1. FIX USE: REMOVED BRDGE STAR FROM KCLV 2. REMARKS: REMOVED "FAC 1 DATA USED TO 1 3. FIX MAKE-UP FACILITES: UPDATED FAC 2 CLA FROM "231.08" TO "231.07." INITIATED BY: DATE: OI APPROVED BY: DATE: 01/16/2025 | FIX TYPE OF ACTION TYPE CL VORTAC H VORTAC VH HOLDING TYPE OF A FAC PAT 1, 2 | TYPE: WP, INT, DME N: MODIFY CLASS MAG TRUE BRG BRG I 137.79 132.79 H 230.07 231.07 ACTION: NO CHANGE AIRPORT IDENT KTPA KTPA KTPA KTPA | DME DIST FROM FAC NM FEE1 9 19.00 19.00 7 27.98 CITY TAMPA TAMPA TAMPA TAMPA TAMPA TAMPA TAMPA TAMPA | MRA MAA 2000 45000 2000 45000 2000 45000 STATE FL (US) FL (US) FL (US) FL (US) FL (US) |
|--|--|--|--|--|--|
| ARSPACE DOCKET: FIX TYPE OF ACTION: MODIFY FX MAKE-UP FACILITIES: DENT TYPE CLASS MAG TRUE DME DIST FROM FAC MRA MAR 1 ST PETERSBURG PIE VORTAC H 137.79 132.79 19.00 19.00 19.00 2000 450 1 ST PETERSBURG PIE VORTAC H 230.07 231.07 19.00 19.00 19.00 2000 450 HOLDING: HOLDING TYPE OF ACTION: NO CHANGE HIX USE: STATE STATE STATE IMPA FL (US) STAR BUFRG (RNAV) I.2 KTPA TAMPA FL (US) STATE STAR BURDG (RNAV) I.2 KTPA TAMPA FL (US) STAR BUFRG (RNAV) I.2 KTPA TAMPA FL (US) REQUIRED CHARTING: STAR, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH COMPULSORY REPORTING POINT: NO RECORD REVISION INUMBER: 3 DATE OF REVISION: 1.20/20/2025 REASON FOR REVISION ENAL AVER OF TO TABLISH WAYPOINT." 3.0.08" TO '230.07" AND 'TRUE BRG FROM '230.08" TO '230. | AIRSPACE DOCKET: FIX MAKE-UP FACILITIES: FAC NAME IDENT 1 ST PETERSBURG PIE 2 LAKELAND LAL HOLDING: FIX USE: USE TYPE USE TITLE IAP RNAV (GPS) Z RWY 19L STAR BLFRG (RNAV) STAR BRDGE STAR DADES (RNAV) REQUIRED CHARTING: STAR, IAP, EN ROUTE LCC COMPULSORY REPORTING POINT: NO RECORD REVISION NUMBER: 8 DA REASON FOR REVISION: 1. FIX USE: REMOVED BRDGE STAR FROM KCLW 2. REMARKS: REMOVED "FAC 1 DATA USED TO I 3. FIX MAKE-UP FACILITES: UPDATED FAC 2 CLA FROM "231.08" TO "231.07." INITIATED BY: DATE: OI OFFICE OF PRIMARY RESPONSIBILITY: APPROVED BY: DATE: 01/16/2025 | FIX TYPE OF ACTION TYPE CL VORTAC H VORTAC VH HOLDING TYPE OF A FAC PAT 1, 2 | ACTION: NO CHANGE | СІТҮ ТАМРА ТАМРА ТАМРА ТАМРА | T 2000 45000 2000 45000 STATE FL (US) FL (US) FL (US) FL (US) |
| Fix Make-up Facilities: Fac Name DENT TYPE CLASS Mag TRUE Date DIST FROM FAC MRA MAA 1 ST PETERSBURG PIE VORTAC H 137.79 132.79 19.00 19.00 19.00 20.00 450 10 LARELAND LAL VORTAC H 137.79 132.79 19.00 19.00 19.00 27.98 2000 450 HOLDING: HOLDING TYPE OF ACTION: NO CHANGE FIX USE: USE TYPE USE TITLE NAMY (GPS) Z RWY 19L FAC PAT AIRPORT IDENT CITY STATE FLUSS STATE STAR BLOGG (RNAV) STATE FLUSS STAR BLOGG (RNAV) REQUIRED CHARTING: STAR, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH COMPULSORY REPORTING POINT: NO REAGE STAR FROM KCLW, KSPG, KPIE, KMCF, KTPF, TVDF. 2. REMARKS: REMOVED BRDGE STAR FROM KCLW, KSPG, KPIE, KMCF, KTPF, TVDF. NMARK: UP FACILITES: UPDATED FAC 1 AND FAC 2 MAA FROM 17500' TO '45000." A TAMPA STAR DATE: ORGANIZATION: < | FIX MAKE-UP FACILITIES: FAC NAMEIDENT1ST PETERSBURGPIE2LAKELANDLALHOLDING:IDENTFIX USE: USE TYPEUSE TITLEIAPRNAV (GPS) Z RWY 19LSTARBLFRG (RNAV)STARBRDGESTARDADES (RNAV)REQUIRED CHARTING: STAR, IAP, EN ROUTE LCCCOMPULSORY REPORTING POINT: NORECORD REVISION NUMBER: 8DA1. FIX USE: REMOVED BRDGE STAR FROM KCLV2. REMARKS: REMOVED "FAC 1 DATA USED TO 13.3. FIX MAKE-UP FACILITES: UPDATED FAC 2 CLAFROM "231.08" TO "231.07."INITIATED BY:DATE:OFFICE OF PRIMARY RESPONSIBILITY:APPROVED BY:DATE: 01/16/2025 | TYPE CL VORTAC H VORTAC VH HOLDING TYPE OF A FAC PAT 1, 2 | ELASS MAG TRUE BRG BRG BRG 1 137.79 132.79 H 230.07 231.07 ACTION: NO CHANGE ACTION: NO CHANGE ARPORT IDENT KTPA KTPA KTPA KTPA KTPA | NM FEE1 9 19.00 19.00 7 27.98 CITY ТАМРА ТАМРА ТАМРА ТАМРА ТАМРА ТАМРА ТАМРА | T 2000 45000 2000 45000 STATE FL (US) FL (US) FL (US) FL (US) |
| FAC NAME IDENT TYPE CLASS MAG TRUE DME DIST FROM FAC NM FAC 1 ST PETERSBURG PIE VORTAC H 137.79 132.79 19.00 19.00 19.00 20.00 450 2 LAKELAND HOLDING: HOLDING TYPE OF ACTION: NO CHANGE FIX 2000 450 HOLDING: HOLDING TYPE OF ACTION: NO CHANGE FIX USE TITLE FAC PAT AIRPORT IDENT CITY STATE IAP RNAV (GPS) Z RWY 19L FAC PAT AIRPORT IDENT CITY STATE FL (US) STAR BLFRG (RNAV) 1, 2 KTPA TAMPA FL (US) STAR BLFRG (RNAV) 1, 2 KTPA TAMPA FL (US) REQUIRED CHARTING: STAR, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH COMPULSORY REPORTING POINT: NO RECORD REVISION NUMBER: 8 DATE OF REVISION: 02/20/2025 REAGON FOR REVISION: 1.12 USE: INDATED FAC 1 AND FAC 1 MAN | FACNAMEIDENT1ST PETERSBURGPIE2LAKELANDLALHOLDING:IDENTHOLDING:IDENTFIX USE:USE TITLEUSE TYPEUSE TITLEIAPRNAV (GPS) Z RWY 19LSTARBLFRG (RNAV)STARBRDGESTARDADES (RNAV)REQUIRED CHARTING: STAR, IAP, EN ROUTE LCCCOMPULSORY REPORTING POINT: NORECORD REVISION NUMBER: 8DA1. FIX USE: REMOVED BRDGE STAR FROM KCLV2. REMARKS: REMOVED "FAC 1 DATA USED TO 13. FIX MAKE-UP FACILITES: UPDATED FAC 2 CLAFROM "231.08" TO "231.07."INITIATED BY:DATE:OFFICE OF PRIMARY RESPONSIBILITY:APPROVED BY:DATE: 01/16/2025 | VORTAC H VORTAC VH HOLDING TYPE OF A FAC PAT 1, 2 | BRG BRG 1 137.79 132.79 H 230.07 231.07 ACTION: NO CHANGE ACTION: NO CHANGE ARPORT IDENT KTPA KTPA KTPA KTPA KTPA KTPA KTPA | NM FEE1 9 19.00 19.00 7 27.98 CITY ТАМРА ТАМРА ТАМРА ТАМРА ТАМРА ТАМРА ТАМРА | T 2000 45000 2000 45000 STATE FL (US) FL (US) FL (US) FL (US) |
| 1 ST PETERSBURG PIE VORTAC H 137.79 132.79 19.00 19.00 2000 4500 2 LAKELAND HOLDING: HOLDING TYPE OF ACTION: NO CHANGE FIX USE: USE TITLE FAC PAT AIRPORT IDENT CITY STATE IAF RNAV (GPS) Z RWY 19L FAC PAT AIRPORT IDENT CITY STATE IAF BLORG (RNAV) I. 2 KTPA TAMPA FL (US) STAR BROGE I. 2 KTPA TAMPA FL (US) STAR BROGE I. 2 KTPA TAMPA FL (US) REQUIRED CHARTING: STAR, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH COMPULSORY REPORTING POINT: NO RECORD REVISION NUMBER: 8 DATE OF REVISION: 02/20/2025 REASON FOR REVISION EXEMPT FAC I DATA USE TO TESTABLISH WAYPOINT." . 1. FIX MAKE-UP FACILITES: UPDATED FAC 1 AND FAC 2 MAA FROM "17500" TO '45000." . 1. FIX MAKE-UP FACILITES: UPDATED FAC 2 CLASS FROM "V" TO "VH," UPDATED MAG BRG FROM "230.08" TO "230.07" AND "TRUE BRG FROM "231.08" TO '231.07." INITIATED BY: DATE: OFFICE: AJV-A431 NAME: JUDITH TUTTLE </td <td>2 LAKELAND LAL HOLDING: FIX USE: USE TYPE USE TITLE IAP RNAV (GPS) Z RWY 19L STAR BLFRG (RNAV) STAR BRDGE STAR DADES (RNAV) REQUIRED CHARTING: STAR, IAP, EN ROUTE LO COMPULSORY REPORTING POINT: NO RECORD REVISION NUMBER: 8 D/ REASON FOR REVISION: 1. FIX USE: REMOVED BRDGE STAR FROM KCLV 2. REMARKS: REMOVED "FAC 1 DATA USED TO I 3. FIX MAKE-UP FACILITES: UPDATED FAC 1 ANIE 4. FIX MAKE-UP FACILITES: UPDATED FAC 1 ANIE 4. FIX MAKE-UP FACILITES: UPDATED FAC 2 CLA FROM "231.08" TO "231.07." INITIATED BY: DATE: OI OFFICE OF PRIMARY RESPONSIBILITY: APPROVED BY: DATE: 01/16/2025</td> <td>VORTAC VH HOLDING TYPE OF A FAC PAT 1, 2</td> <td>I 137.79 132.79 H 230.07 231.07 ACTION: NO CHANGE AIRPORT IDENT KTPA KTPA KTPA KTPA KTPA KTPA</td> <td>9 19.00 19.00 7 27.98 CITY TAMPA TAMPA TAMPA TAMPA TAMPA</td> <td>2000 45000 2000 45000 STATE FL (US) FL (US) FL (US) FL (US)</td> | 2 LAKELAND LAL HOLDING: FIX USE: USE TYPE USE TITLE IAP RNAV (GPS) Z RWY 19L STAR BLFRG (RNAV) STAR BRDGE STAR DADES (RNAV) REQUIRED CHARTING: STAR, IAP, EN ROUTE LO COMPULSORY REPORTING POINT: NO RECORD REVISION NUMBER: 8 D/ REASON FOR REVISION: 1. FIX USE: REMOVED BRDGE STAR FROM KCLV 2. REMARKS: REMOVED "FAC 1 DATA USED TO I 3. FIX MAKE-UP FACILITES: UPDATED FAC 1 ANIE 4. FIX MAKE-UP FACILITES: UPDATED FAC 1 ANIE 4. FIX MAKE-UP FACILITES: UPDATED FAC 2 CLA FROM "231.08" TO "231.07." INITIATED BY: DATE: OI OFFICE OF PRIMARY RESPONSIBILITY: APPROVED BY: DATE: 01/16/2025 | VORTAC VH HOLDING TYPE OF A FAC PAT 1, 2 | I 137.79 132.79 H 230.07 231.07 ACTION: NO CHANGE AIRPORT IDENT KTPA KTPA KTPA KTPA KTPA KTPA | 9 19.00 19.00 7 27.98 CITY TAMPA TAMPA TAMPA TAMPA TAMPA | 2000 45000 2000 45000 STATE FL (US) FL (US) FL (US) FL (US) |
| FX USE: USE TTPE IAP USE TTLE RNAV (GPS) Z WY 19L FAC PAT AIRPORT IDENT CITY STATE TAMPA FL USS STAR BERGE STAR DADEG (RNAV) 1.2 KTPA TAMPA FL USS STAR DADEG (RNAV) 1.2 KTPA TAMPA FL USS REQUIRED CHARTING: STAR, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH COMPULSORY REPORTING POINT: NO RECORD REVISION NUMBER: 8 DATE OF REVISION: 02/20/2025 REASON FOR REVISION DATE OF REVISION: 02/20/2025 PALS REMOVED BRDGE STAR FROM KCLW, KSPG, KPIE, KMCF, KTPF, TVDF. 2. REMARK-UP FACILITES: UPDATED FAC 2 CLASS FROM "V" TO "VH," UPDATED MAG BRG FROM "230.08" TO "230.07" AND "TRUE BRG FROM "231.08" TO "231.07." NITIATED BY: DATE: ORGANIZATION: NAME: OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 NAME: JUDITH TUTTLE APPROVED BY: DATE: 01/16/2025 OFFICE: AJV-A431 NAME: ERIC N SUSKI SIGNATURE: SIGNATURE: SIGNATURE SIGNATURE | FIX USE: USE TITLE IAP RNAV (GPS) Z RWY 19L STAR BLFRG (RNAV) STAR BRDGE STAR DADES (RNAV) REQUIRED CHARTING: STAR, IAP, EN ROUTE LCC COMPULSORY REPORTING POINT: NO RECORD REVISION NUMBER: 8 DA REASON FOR REVISION BRDGE STAR FROM KCLV 2. REMARKS: REMOVED BRDGE STAR FROM KCLV 2. REMARKS: REMOVED "FAC 1 DATA USED TO 1 3. FIX MAKE-UP FACILITES: UPDATED FAC 1 AND 4. FIX MAKE-UP FACILITES: UPDATED FAC 2 CLA FROM "231.08" TO "231.07." INITIATED BY: DATE: OI OFFICE OF PRIMARY RESPONSIBILITY: APPROVED BY: DATE: 01/16/2025 | FAC PAT 1, 2 | AIRPORT IDENT KTPA KTPA KTPA KTPA | CITY TAMPA TAMPA TAMPA TAMPA | FL (US) FL (US) FL (US) |
| USE TYPE USE TITLE FAC PAT AIRPORT IDENT CITY STATE IAP RANV(GPS) Z RWY 19L KTPA TAMPA FLUS) STAR BERGE (RNAV) I.2 KTPA TAMPA FLUS) STAR BRDGE 1, 2 KTPA TAMPA FLUS) STAR DADES (RNAV) I.2 KTPA TAMPA FLUS) REQUIRED CHARTING: STAR, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH COMPULSORY REPORTING POINT: NO RECORD REVISION NUMBER: 8 DATE OF REVISION: 02/20/2025 REASON FOR REVISION Intro of Estability NAME; REMOVED BROGE STAR FROM KCLW, KSPG, KPIE, KMCF, KTPF, TVDF. 2.REMARKS: REMOVED TAC 1 DATA USED TO ESTABILITY INTA USE: REMOVED BARDGE STAR FROM KCLW, KSPG, KPIE, KMCF, KTPF, TVDF. 2.REMARKS: REMOVED 'FACL ITES: UPDATED FAC 2 CLASS FROM "V" TO "VH," UPDATED MAG BRG FROM "230.08" TO "230.07" AND "TRUE BRG FROM "231.08" TO "230.07" AND "TRUE BRG FROM "230.08" TO "230.07" AND "TRUE BRG FROM "231.08" TO "230.07" INITIATED BY: DATE: ORGANIZATION: NAME: OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 NAME: APPROVED BY: DATE: 01/16/2025 OFFICE: AJV-A431 NAME: ERIC N SUSKI | USE TYPEUSE TITLEIAPRNAV (GPS) Z RWY 19LSTARBLFRG (RNAV)STARBRDGESTARDADES (RNAV)REQUIRED CHARTING: STAR, IAP, EN ROUTE LCCOMPULSORY REPORTING POINT: NORECORD REVISION NUMBER: 8DAREASON FOR REVISION:1. FIX USE: REMOVED BRDGE STAR FROM KCLV2. REMARKS: REMOVED "FAC 1 DATA USED TO 13. FIX MAKE-UP FACILITES: UPDATED FAC 1 ANT4. FIX MAKE-UP FACILITES: UPDATED FAC 2 CLAFROM "231.08" TO "231.07."INITIATED BY:DATE:OFFICE OF PRIMARY RESPONSIBILITY:APPROVED BY:DATE: 01/16/2025 | 1, 2 | КТРА КТРА КТРА КТРА | TAMPA TAMPA TAMPA TAMPA | FL (US) FL (US) FL (US) |
| OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 NAME: JUDITH TUTTLE APPROVED BY: DATE: 01/16/2025 OFFICE: AJV-A431 NAME: ERIC N SUSKI SIGNATURE: SIGNATURE | OFFICE OF PRIMARY RESPONSIBILITY: APPROVED BY: DATE: 01/16/2025 | W, KSPG, KPIE, KMCF ESTABLISH WAYPOIN D FAC 2 MAA FROM "1 | F, KTPF, TVDF. NT." 17500" TO "45000." | RG FROM "230.08" TO "230.07" AN | ND "TRUE BRG |
| APPROVED BY: DATE: 01/16/2025 OFFICE: AJV-A431 NAME: ERIC N SUSKI SIGNATURE: | APPROVED BY: DATE: 01/16/2025 | RGANIZATION: | NA | ME: | |
| SIGNATURE: | | AJV-A431 | NA | ME: JUDITH TUTTLE | |
| | SIGNATURE: | OFFICE: AJV-A | A431 NA | ME: ERIC N SUSKI | |
| INFORMATION ONLY | | | | | |
| INFORMATION ONLY | | | | | |
| INFORMATION ONLY | | | | | |
| | | INFOF | RMATIC | ON ONLY | |

| NAME: LISAF | | | STATE: FL | COUNTRY: US | ICAO REGION CODE: K7 | | |
|--|--|-----------------|----------------------------------|---------------------------------|------------------------------------|--|--|
| LATITUDE/LONG | ITUDE: 281148.36N/0822437 | .17W | TYPE: WP | | | | |
| AIRSPACE DOCK | ET: | FIX TYPE OF AC | CTION: NO CHANGE | | | | |
| HOLDING: | | | OF ACTION: NO CHAN | IGE | | | |
| FIX USE: USE TYPE STAR STAR | USE TITLE BLFRG (RNAV) DADES (RNAV) | FAC P/ | PAT AIRPORT IDEN KTPA KTPA | T CITY TAMPA TAMPA | STATE FL (US) FL (US) | | |
| REQUIRED CHAF | RTING: STAR | | | | | | |
| COMPULSORY R | EPORTING POINT: NO | | | | | | |
| RECORD REVISIO | ON NUMBER: 1 | DATE OF REVISIO | DN : 05/19/2022 | | | | |
| REASON FOR REVISION: ADDED KTPA BLFRG (RNAV) STAR TO FIX USE. | | | | | | | |
| INITIATED BY: | DATE: | ORGANIZATION: | | NAME: | | | |
| OFFICE OF PRIMARY RESPONSIBILITY: | | AJV-A423 | | NAME: RALPH DUMAR | | | |
| APPROVED BY: | DATE: 05/19/2022 | OFFICE: A | AJV-A420 | NAME: MARLON ROBI | NSON | | |
| | SIGNATURE: | | | | | | |

| | RADIO | FIX AND H | HOLDING | DATA RECORD | • | | |
|---|---|----------------|-----------------------------|---------------------------------------|------------------------------------|--|--|
| NAME: LZARD | | | STATE: FI | COUNTRY: US | ICAO REGION CODE: K7 | | |
| LATITUDE/LONGITUDE: 281800.55N/0821842.63W | | | |) | | | |
| AIRSPACE DOC | KET: | FIX TYPE OF A | ACTION: MODIFY | | | | |
| HOLDING: | | | E OF ACTION: CA | NCEL | | | |
| FIX USE: USE TYPE IAP STAR | USE TITLE RNAV (GPS) Z RWY 19L DADES (RNAV) | FAC | PAT AIRPORT KTPA KTPA | T IDENT CITY TAMPA TAMPA | STATE FL (US) FL (US) | | |
| REQUIRED CHARTING: STAR, IAP | | | | | | | |
| COMPULSORY F | REPORTING POINT: NO | | | | | | |
| RECORD REVIS | ION NUMBER: 9 | DATE OF REVISI | ON: 04/20/2023 | | | | |
| REMOVED FAC | EVISION: ND DME FROM FIX TYPE. 1 PIE VORTAC AND FAC 2 LA 1 HOLDING WITH ITS ASSOC & LZARD FOR KPSG, KPIE, KI | IATED OBSTACLE | AND NOTES. | | | | |
| INITIATED BY: | DATE: | ORGANIZATION: | | NAME: | | | |
| OFFICE OF PRIN | IARY RESPONSIBILITY: | AJV-A43 | 2 | NAME: SILVIA YOU | NG | | |
| APPROVED BY: | DATE: 04/20/2023 | OFFICE: | AJV-A430 | NAME: JOHNNIE BA | KER | | |
| | SIGNATURE: | | | | | | |