

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>	<u>AMDT NO</u>	<u>ACTUAL EFFECTIVE DATE</u>
KSPG	ST PETERSBURG	FL	4	04/20/2023

TAKEOFF MINIMUMS:

RWY 7, 25: STANDARD.
RWY 18: 300-1.
RWY 36: 300-1 OR STANDARD WITH MINIMUM CLIMB OF 845 FT/NM TO 300.

TEXTUAL DEPARTURE PROCEDURES:

RWY 7: CLIMB ON HEADING 067.10 TO 500 BEFORE TURNING LEFT.
RWY 18: CLIMB ON HEADING 184.63 TO 500 BEFORE TURNING RIGHT.
RWY 25: CLIMB ON HEADING 247.10 TO 700 BEFORE TURNING RIGHT.
RWY 36: CLIMB ON HEADING 004.63 TO 700 BEFORE TURNING LEFT.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 7: LIGHT POLES 10 FT FROM DER, 17 FT RIGHT OF CENTERLINE, 2 FT AGL/7 FT MSL. SIGN 15 FT FROM DER, 129 FT LEFT OF CENTERLINE, 3 FT AGL/7 FT MSL. SHIPS BEGINNING 38 FT FROM DER, LEFT TO RIGHT OF CENTERLINE, UP TO 100 FT AGL/ 100 FT MSL. TERRAIN 75 FT FROM DER, 36 FT LEFT OF CENTERLINE, 8 FT MSL.

NOTE: RWY 18: BUILDING 9 FT FROM DER, 483 FT RIGHT OF CENTERLINE, 27 FT MSL. TREES, VEGETATION BEGINNING 20 FT FROM DER, 226 FT RIGHT OF CENTERLINE, UP TO 32 FT AGL/42 FT MSL.

NOTE: RWY 25: FENCE 12 FT FROM DER, ON CENTERLINE, 15 FT AGL/19 FT MSL. TREE, POLE BEGINNING 15 FT FROM DER, 261 FT RIGHT OF CENTERLINE, UP TO 39 FT MSL. TREE 27 FT FROM DER, 328 FT LEFT OF CENTERLINE, 40 FT MSL. TREES BEGINNING 124 FT FROM DER, 133 FT LEFT OF CENTERLINE, UP TO 49 FT MSL. TREES, POLES BEGINNING 149 FT FROM DER, ON CENTERLINE, UP TO 49 FT MSL. BUILDINGS, TREES, VEHICLES ON ROAD BEGINNING 154 FT FROM DER, 2 FT LEFT OF CENTERLINE, UP TO 87 FT MSL. TREES, BUILDINGS, POLES BEGINNING 254 FT FROM DER, 4 FT RIGHT OF CENTERLINE, UP TO 52 FT MSL. BUILDINGS, TREES, POLES, TRANSMISSION LINES BEGINNING 293 FT FROM DER, 4 FT LEFT OF CENTERLINE, UP TO 92 FT MSL. BUILDINGS, TREES, POLES, MONUMENT BEGINNING 459 FT FROM DER, 10 FT RIGHT OF CENTERLINE, UP TO 73 FT AGL/81 FT MSL. BUILDINGS, TREES BEGINNING 1170 FT FROM DER, 26 FT RIGHT OF CENTERLINE, UP TO 73 FT AGL/86 FT MSL. BUILDING, TREES BEGINNING 1773 FT FROM DER, 123 FT RIGHT OF CENTERLINE, UP TO 87 FT MSL. BUILDING, TREES BEGINNING 1834 FT FROM DER, 151 FT RIGHT OF CENTERLINE, UP TO 88 FT MSL. BUILDINGS, TREES, POLES BEGINNING 1863 FT FROM DER, 1 FT RIGHT OF CENTERLINE, UP TO 94 FT MSL. BUILDINGS, TREES, POLE BEGINNING 2047 FT FROM DER, 18 FT RIGHT OF CENTERLINE, UP TO 122 FT MSL. BUILDINGS, TREES, POLES BEGINNING 2538 FT FROM DER, 46 FT RIGHT OF CENTERLINE, UP TO 132 FT MSL. TREES BEGINNING 3121 FT FROM DER, 822 FT LEFT OF CENTERLINE, UP TO 97 FT MSL. TREE 3598 FT FROM DER, 168 FT LEFT OF CENTERLINE, 103 FT MSL.

NOTE: RWY 36: VEGETATION, SIGN BEGINNING 30 FT FROM DER, 273 FT LEFT OF CENTERLINE, UP TO 7 FT AGL/12 FT MSL. SIGN 41 FT FROM DER, 213 FT RIGHT OF CENTERLINE, 7 FT AGL/11 FT MSL. SHIPS BEGINNING 47 FT FROM DER, LEFT TO RIGHT OF CENTERLINE, UP TO 100 FT AGL/100 FT MSL. TREES BEGINNING 1489 FT FROM DER, 453 FT LEFT OF CENTERLINE, UP TO 46 FT MSL. BUILDING 1868 FT FROM DER, 705 FT RIGHT OF CENTERLINE, UP TO 86 FT AGL/97 FT MSL. BUILDINGS BEGINNING 3561 FT FROM DER, 750 FT LEFT OF CENTERLINE, UP TO 156 FT MSL.

CONTROLLING OBSTACLES:

RWY 7: 547 FT MSL BUILDING (2019-ASO-16884-OE) 274613.62N/0823819.05W (CLIMB-TO ALTITUDE).

RWY 18: 180 FT MSL SHIP 274534.05N/0823732.55W (CEILING), 180 FT MSL SHIP 274533.98N/0823735.87W (VISIBILITY)

RWY 25: 547 FT MSL BUILDING (2019-ASO-16884-OE) 274613.62N/0823819.05W (CLIMB-TO ALTITUDE).

RWY 36: 547 FT MSL BUILDING (2019-ASO-16883-OE) 274615.80N/0823819.07W (CLIMB-TO ALTITUDE), 219 FT MSL CRANE (12-174434) 274626.64N/0823736.15W (CLIMB GRADIENT/CEILING), 164 FT MSL BUILDING (12-026167) 274654.45N/0823740.87 (VISIBILITY).

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 7, 18, 25: 547 FT BUILDING (2019-ASO-16884-OE) 274613.62N/0823819.05W, RWY 36: 547 FT BUILDING (2019-ASO-16883-OE) 274615.80N/0823819.07W.

REMARKS:

AFS APPROVAL REQUESTED FOR RWYS 18 AND 36: CLIMB GRADIENT GREATER THAN 500 FET PER NM.



AIRPORT ID

KSPG

CITY

ST PETERSBURG

STATE

FL

AMDT NO

4

EFFECTIVE DATE

04/20/2023

REFERENCE OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWYS 7, 18, 25 518 AGL/547 MSL BUILDING REFERENCE 2019-ASO-16884-OE AND RWY 36 513 AGL/547 MSL BUILDING REFERENCE 2019-ASO-16883-OE ARE BOTH PERMANENT BUILDINGS. PER FPT: 100 FT VEGETATION. RWYS 18 AND 26 APPROACH END - 100 FT SHIPS AS CLOSE AS 50 FEET OF SHORELINE. RWY 36 APPROACH END - 180 FT SHIPS IN CHANNEL AS CLOSE AS 290 FEET FROM SHORELINE. RWY 7 APPROACH AREA (GULF SIDE) - 226 FT SHIP HEIGHT.

FLIGHT INSPECTED BY

ROBERT E WILLIAMS

Digitally signed by

JASON KRETSCHMER

Feb 21, 2023

OFFICE

FPO

DATE

02/01/2023

DEVELOPED BY

DALE SICKELS

Digitally signed by

DALE P SICKELS

Feb 15, 2023

OFFICE

AJV-A421

DATE

09/07/2022

APPROVED BY

MARLON ROBINSON

Digitally signed by

JASON KRETSCHMER

Feb 21, 2023

OFFICE

AJV-A420

DATE

TITLE

MANAGER

REQUIRED EFFECTIVE DATE:

04/20/2023

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** TPA APP CON, SPG ATCT, SPG APT MGR

CHANGES - REASONS:

CHANGED RWY 18 TAKEOFF MINIMUMS FROM STANDARD TO 300-1 OR STANDARD WITH MINIMUM CLIMB OF 3321 FT/NM TO 300 - CURRENT OBSTACLES.

CHANGED RWY 36 TAKEOFF MINIMUMS FROM 300-1 OR STANDARD WITH A MINIMUM CLIMB OF 289 FT PER NM UNTIL 700 FT TO 300-1 OR STANDARD WITH MINIMUM CLIMB OF 841 FT/NM TO 300 - CURRENT OBSTACLES.

CHANGED RWY 7 TEXTUAL DEPARTURE PROCEDURE CLIMB-TO-ALTITUDE FROM 600 BEFORE TURN RIGHT TO 500 BEFORE TURNING LEFT - 547 FT MSL PERMANENT TOWER PENDING CONSTRUCTION (2019-ASO-16884-OE).

CHANGED RWY 18 TEXTUAL DEPARTURE PROCEDURE FROM CLIMB HEADING 184.64 TO 600 BEFORE TURN RIGHT TO CLIMB ON HEADING 184.63 TO 500 BEFORE TURNING RIGHT - 547 FT MSL PERMANENT TOWER PENDING CONSTRUCTION (2019-ASO-16884-OE) AND CURRENT RUNWAY DATA.

CHANGED RWY 36 TEXTUAL DEPARTURE PROCEDURE FROM CLIMB HEADING 004.64 TO 700 BEFORE TURN RIGHT TO CLIMB ON HEADING 004.63 TO 700 BEFORE TURNING LEFT - 547 FT MSL PERMANENT TOWER PENDING CONSTRUCTION (2019-ASO-16883-OE) AND CURRENT RUNWAY DATA.

UPDATED TAKE OFF OBSTACLE NOTES AND CONTROLLING OBSTACLES - CURRENT OBSTACLES.

UPDATED OBSTACLE MANDATING ROUTE DEVELOPMENT FOR RWYS 7, 18, AND 25 FROM 491 FT MSL BUILDING 274616.86N/0823802.94W TO 547 FT MSL BUILDING (2019-ASO-16884-OE) 274613.62N/0823819.05W AND FOR RWY 36 FROM 491 FT MSL BUILDING 274616.86N/0823802.94W TO 547 FT MSL BUILDING (2019-ASO-16883-OE) 274615.80N/0823819.07W - CURRENT OBSTACLES.

ADDED TO REMARKS: AFS APPROVAL REQUESTED FOR RWYS 18 AND 36: CLIMB GRADIENT GREATER THAN 500 FET PER NM.

ADDED TO REMARKS: REFERENCE OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWYS 7, 18, 25 518 AGL/547 MSL BUILDING REFERENCE 2019-ASO-16884-OE AND RWY 36 513 AGL/547 MSL BUILDING REFERENCE 2019-ASO-16883-OE ARE BOTH PERMANENT BUILDINGS - DETAILS WILL BE UPDATED ON NEXT AMENDMENT AFTER OBSTACLES ARE CONSTRUCTED.

ADDED TO REMARKS: PER FPT: 100 FT VEGETATION. RWYS 18 AND 26 APPROACH END - 100 FT SHIPS AS CLOSE AS 50 FEET OF SHORELINE. RWY 36 APPROACH END - 180 FT SHIPS IN CHANNEL AS CLOSE AS 290 FEET FROM SHORELINE. RWY 7 APPROACH AREA (GULF SIDE) - 226 FT SHIP HEIGHT.

02/14/23: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 09/07/22.

1. CHANGED RWY 18 TAKE OFF MINIMUMS FROM "300-1 OR STANDARD WITH MINIMUM CLIMB OF 3321 FT/NM TO 300" TO "300-1" – CLIMB GRADIENT DISAPPROVED BY FLIGHT CHECK FOR FLYABILITY.
2. REMOVED CONTROLLING OBSTACLE FOR RWY 18 180 FT MSL SHIP 274534.05N/0823732.55W FROM (CLIMB GRADIENT/CEILING) AND REMOVED 547 FT MSL BUILDING (2019-ASO-16884-OE) 274613.62N/0823819.05W (CLIMB-TO ALTITUDE).
3. CHANGED RWY 36 TAKEOFF MINIMUMS FROM "300-1 OR STANDARD WITH MINIMUM CLIMB OF 841 FT/NM TO 300" TO "300-1 OR STANDARD WITH MINIMUM CLIMB OF 845 FT/NM TO 300". – TARGETS DERIVED CG VALUE.

03/02/23: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 02/21/23.

1. EFFECTIVE DATE CHANGED FROM ROUTINE TO 04/20/2023.

