NOTE: RADAR Required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.
NOTE: WAILN transition for Houston Terminal
Area Departures only.

See Arrival Routes On Following Page

(CONTINUED ON FOLLOWING PAGE)
NOTE: RADAR Required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.
NOTE: WAILN Transition for Houston Terminal Area Departures only.

Vertical Navigation Planning Information
Turbojets: Expect 13000
ARRIVAL ROUTE DESCRIPTION

HOBBY TRANSITION (HUB.BRAUN2)
HUMBLE TRANSITION (IAH.BRAUN2)
LUFKIN TRANSITION (LFK.BRAUN2)
WACO TRANSITION (ACT.BRAUN2)
WAILN TRANSITION (WAILN.BRAUN2)
WINDU TRANSITION (WINDU.BRAUN2)

SAN ANTONIO INTL (SAT):
From MARCS on track 240° to BRAUN.

LANDING RWY 4:
From BRAUN on track 215° to POYIG, then on track 219° to BEBNE, then on track 219°. Expect radar vectors to final approach course.

LANDING RWYS 13L/R:
From BRAUN on track 240° to TROOP, then on track 240° to CRISIL. Expect radar vectors to final approach course.

LANDING RWY 22:
From BRAUN on track 235° to ZALYO. Expect RNAV (RNP) Rwy 22, or expect vectors to final approach course.

LANDING RWYS 31L/R:
From BRAUN on track 240° to TROOP, then on track 165° to ALRGI, then on track 128° to TAHKO, then on track 128°. Expect radar vectors to final approach course.

ALL OTHER AIRPORTS:
From MARCS on track 240° to BRAUN, then on track 240° to RTAMA, then on track 240°. Expect radar vectors to final approach course.
ARRIVAL ROUTE DESCRIPTION

FORT STOCKTON TRANSITION (FST.CSI2): From over FST VORTAC via FST R-096 and CSI R-280 to CSI VORTAC. Thence . . . .

JUNCTION TRANSITION (JCT.CSI2): From over JCT VORTAC via JCT R-134 and CSI R-314 to CSI VORTAC. Thence . . . .

. . . . From over CSI VORTAC on CSI R-105 to REUBE INT. Expect vectors to final approach course.
ARRIVAL ROUTE DESCRIPTION

CORPUS CHRISTI TRANSITION (CRP.LEMIG1): From over CRP VORTAC via CRP R-305 and THX R-126 to THX VORTAC, then via THX R-319 to LEMIG INT.

Trence . . . .

COTULLA TRANSITION (COT.LEMIG1): From over COT VORTAC via COT R-037 to LEMIG INT. Thence . . . .

LAREDO TRANSITION (LRD.LEMIG1): From over LRD VORTAC via LRD R-019 to LEMIG INT. Thence . . . .

THREE RIVERS TRANSITION (THX.LEMIG1): From over THX VORTAC via THX R-319 to LEMIG INT. Thence . . . .

. . . . ALL AIRPORTS: From over LEMIG INT via SAT R-175 to ELKAY INT. Expect radar vectors to final approach course.
MARCS ONE ARRIVAL

NOTE: RADAR required.

NOTE: Chart not to scale

(RAPID: Chart not to scale)
ARRIVAL ROUTE DESCRIPTION

CENTEX TRANSITION (CWK.MARCS1): From over CWK VORTAC
via CWK R-205 to MARCS INT. Thence. . . .

INDUSTRY TRANSITION (IDU.MARCS1): From over IDU VORTAC
via IDU R-259 to MARCS INT. Thence. . . .

LUKFIN TRANSITION (LFK.MARCS1): From over LFK VORTAC
via LFK R-228 and IDU R-044 to IDU VORTAC, then via IDU R-259
to MARCS INT. Thence. . . .

WACO TRANSITION (ACT.MARCS1): From over ACT VORTAC
via ACT R-165 to BLEWE INT, then via CWK R-012 to CWK VORTAC,
then via CWK R-205 to MARCS INT. Thence. . . .

WINDU TRANSITION (WINDU.MARCS1): From over WINDU INT
via CWK R-012 to CWK VORTAC, then via CWK R-205 to MARCS INT.
Thence. . . .

. . . . From over MARCS on SAT R-056 to BRAUN, then on SAT R-056 to TROOP.
Thence....

SAN ANTONIO INTL (SAT):
LANDING RWY 13R: On SAT R-056 to CRISS. Depart CRISS heading 300°
for vectors to final approach course.
LANDING RWY 31L: Depart TROOP heading 140° for vectors to
final approach course.
LANDING ALL OTHER RUNWAYS: On SAT R-056 to CRISS. Expect vectors
to final approach course.

ALL OTHER AIRPORTS: On SAT R-056 to CRISS. Expect vectors to final
approach course.
ARRIVAL ROUTE DESCRIPTION

ABILENE TRANSITION (ABI.STV1): From over ABI VORTAC via ABI R-146 and STV R-329 to STV VORTAC. Thence . . . .

JUNCTION TRANSITION (JCT.STV1): From over JCT VORTAC via JCT R-104 and STV R-284 to STV VORTAC. Thence . . . .

LLANO TRANSITION (LLO.STV1): From over LLO VORTAC via LLO R-165 and STV R-284 to STV VORTAC. Thence . . . .

AL AIRPORTS EXCEPT RANDOLPH AIR FORCE BASE: . . . . From over STV VORTAC via STV R-177 to REUBE INT. Expect radar vectors to final approach course.

RANDOLPH AIR FORCE BASE: . . . . From over STV VORTAC via direct RND VORTAC.