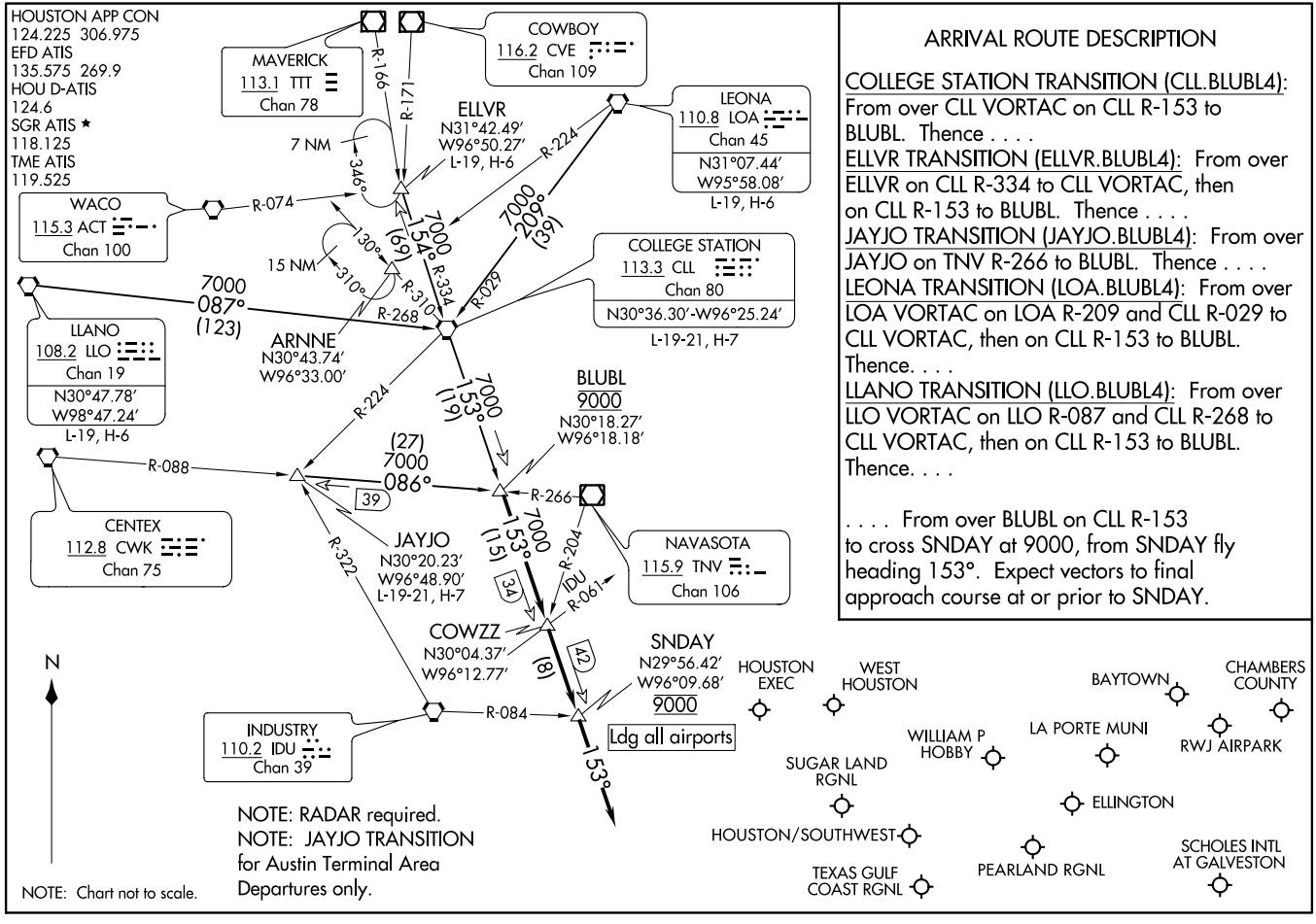
BLUBELL FOUR ARRIVAL
(BLUBL.BLUBL4) 26MAR20

HOUSTON, TEXAS



ARRIVAL ROUTE DESCRIPTION

COLLEGE STATION TRANSITION (CLL.BLUBL4): From over CLL VORTAC on CLL R-153 to BLUBL. Thence . . . .

ELLVR TRANSITION (ELLVR.BLUBL4): From over ELLVR on CLL R-334 to CLL VORTAC, then on CLL R-153 to BLUBL. Thence . . . .

JAYJO TRANSITION (JAYJO.BLUBL4): From over JAYJO on TNV R-266 to BLUBL. Thence . . . .

LEONA TRANSITION (LOA.BLUBL4): From over LOA VORTAC on LOA R-209 and CLL R-029 to CLL VORTAC, then on CLL R-153 to BLUBL. Thence. . . .

LLANO TRANSITION (LLO.BLUBL4): From over LLO VORTAC on LLO R-087 and CLL R-268 to CLL VORTAC, then on CLL R-153 to BLUBL. Thence. . . .

. . . . From over BLUBL on CLL R-153 to cross SNDAY at 9000, from SNDAY fly heading 153°. Expect vectors to final approach course at or prior to SNDAY.

BLUBELL FOUR ARRIVAL
(BLUBL.BLUBL4) 23110

HOUSTON, TEXAS

AL-198 (FAA)

CESAN FOUR ARRIVAL (RNAV)

(CESAN.CESAN4) 22JUN17

HOUSTON, TEXAS

(CESAN.CESAN4) 23222

CESAN FOUR ARRIVAL (RNAV)

HOUSTON, TEXAS

AL-198 (FAA)

HOUSTON APP CON
121.3 377.1
CXO ATIS
118.325
EFD ATIS
135.575 269.9
HOU D-ATIS
124.6
SGR ATIS ✱
118.125

NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.
NOTE: DME/DME/IRU or GPS equipped Turbojet and Turboprop aircraft capable of 280K or greater must file the WAAPL (RNAV) STAR.

CESAN
VERTICAL NAVIGATION
PLANNING INFORMATION
Expect 11000

CONROE/NORTH HOUSTON RGNL
WEST HOUSTON
WILLIAM P HOBBY
SUGAR LAND RGNL
BAYTOWN
RWJ AIRPARK
CHAMBERS COUNTY
LA PORTE MUNI
ELLINGTON
HOUSTON/SOUTHWEST
PEARLAND RGNL
WHARTON RGNL
TEXAS GULF COAST RGNL
BAY CITY RGNL
SCHOLES INTL AT GALVESTON

CREPO
PLEDO
FRITZ
SSERA
KAANE
LLEGS
WWILD
JCNTO
ALLLY
VILLI
IVEEE
FIGGG
EMARR
SHUUG
FRDDY
MMOOW

3100 *1600 185° (16)
3100 *1700 196° (30)
3100 (6)
(4)
(15) 3100 *1300 244°
244° 3100 *1300 (9)
215°
220° (10)
239° (8)
273° (5)
310° (14) 3100 *1500
310° JCNTO
311° 3100 *1700 311° (3)
(5) 280°
3100 *1400 278° (9)
3100 *1600 289° (15)
255° 3100 *1300 (5)
3100 *1400 222° (2)
222°
274°

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

N

ARRIVAL ROUTE DESCRIPTION

From CESAN on track 185° to CREPO, then on track 196° to PLEDO.

LANDING HOU RWYS 13L/R: From PLEDO on track 196° to FRITZ, then on track 196° to SSERA, then on track 244° to LLEGS, then on track 239° to FRDDY, then on track 289° to FIGGG, then on track 278° to IVEEE, then on track 280° to VILLI, then on track 311° to ALLLY, then on track 311°. Expect vectors to final approach course.

LANDING HOU RWY 4: From PLEDO on track 196° to FRITZ, then on track 196° to SSERA, then on track 244° to LLEGS, then on track 239° to FRDDY, then on track 289° to FIGGG, then on track 255° to SHUUG, then on track 222° to EMARR, then on track 222°. Expect vectors to approach course.

LANDING HOU RWY 22: From PLEDO on track 196° to FRITZ, then on track 196° to SSERA, then on track 244° to LLEGS, then on track 273° to WWILD, then on track 310° to JCNTO, then on track 310°. Expect vectors to final approach course.

LANDING HOU RWYS 31L/R: From PLEDO on track 196° to FRITZ, then on track 196° to SSERA, then on track 244° to LLEGS, then on track 220° to MMOOW, then on track 274°. Expect vectors to final approach course.

ALL OTHER AIRPORTS: From CESAN on track 185° to CREPO, then on track 196° to PLEDO, then on track 196° to FRITZ, then on track 196° to SSERA, then on track 244° to KAANE, then on track 215°. Expect vectors to final approach course.

SC-5, 22 FEB 2024 to 21 MAR 2024

SC-5, 22 FEB 2024 to 21 MAR 2024

HUDZY FOUR ARRIVAL

(HUDZY.HUDZY4) 10OCT19

HOUSTON, TEXAS

HOUSTON APP CON
120.05 379.1
CXO ATIS
118.325
DWH ATIS
128.375
EFD ATIS
135.575 269.9
HOU D-ATIS
124.6
IAH D-ATIS
124.05
SGR ATIS ★
118.125
TME ATIS
119.525

LUFKIN
112.1 LFK
Chan 58

SAWMILL
113.75 SWB
Chan 84 (Y)
N31°58.39-W92°40.63′
L-22, H-6

WAPPL
N30°13.91′
W94°19.84′
VERTICAL NAVIGATION
PLANNING INFORMATION

BRWCK
N30°35.23′
W93°42.36′

ALEXANDRIA
116.1 AEX
Chan 108
N31°15.40-W92°30.06′
L-21-22, H-6

CONROE/NORTH
HOUSTON RGNL

CLEVELAND MUNI

HUMBLE
116.6 IAH
Chan 113

CLWSN
N30°04.42′
W94°55.13′

SWWAA
N30°00.52′
W95°09.42′

LIBERTY
MUNI

LAKE CHARLES
113.4 LCH
Chan 81

DAVID WAYNE HOOKS MEML

HUDZY
N30°06.21′
W94°48.53′
TURBOJETS:
Expect 14000 280K

GEORGE BUSH
INTCNTL/HOUSTON

WEST HOUSTON

HOUSTON EXEC

BAYTOWN
RWJ
AIRPARK

CHAMBERS
COUNTY

SABINE PASS
115.4 SBI
Chan 101

LA PORTE MUNI

WILLIAM P
HOBBY

ELLINGTON

SUGAR LAND RGNL

HOUSTON/SOUTHWEST

PEARLAND
RGNL

TEXAS GULF
COAST RGNL

SCHOLES INTL
AT GALVESTON

TRINITY
114.75 MHF
Chan 94(Y)

13000 211° (98)
13000 235° (74)
13000 235° (39)
5000 247° (26)
5000 247° (6)
4000 247° (13)
190°
R-118
R-155
R-184
R-179
R-304
R-328
R-067
R-348
R-337
R-315
055° 20 NM
055° 10 NM
59
113
10
23
33
29
34

NOTE: RADAR required.
NOTE: For use by Turbojet and Turboprop aircraft capable of 280K or greater only.
NOTE: DME/DME/IRU or GPS equipped aircraft must file the WAPPL (RNAV) STAR.
NOTE: ATC assigned only for aircraft landing CXO, DWH, IAH, T78, and 6R3.

(NARRATIVE ON FOLLOWING PAGE) NOTE: Chart not to scale.

HUDZY FOUR ARRIVAL
(HUDZY.HUDZY4) 23054
AL-198 (FAA)
HOUSTON, TEXAS

ARRIVAL ROUTE DESCRIPTION

ALEXANDRIA TRANSITION (AEX.HUDZY4): From over AEX VORTAC on AEX R-235 to WAPPL, then on IAH R-067 to HUDZY. Thence. . . .

SAWMILL TRANSITION (SWB.HUDZY4): From over SWB VOR/DME on SWB R-211 to BRWCK, then on AEX R-235 to WAPPL, then on IAH R-067 to HUDZY. Thence. . . .

. . . .from over HUDZY on IAH R-067 to CLWSN, then on IAH R-067 to SWWAA, then on heading 190°. Expect RADAR vectors to final approach course.

SC-5, 22 FEB 2024 to 21 MAR 2024

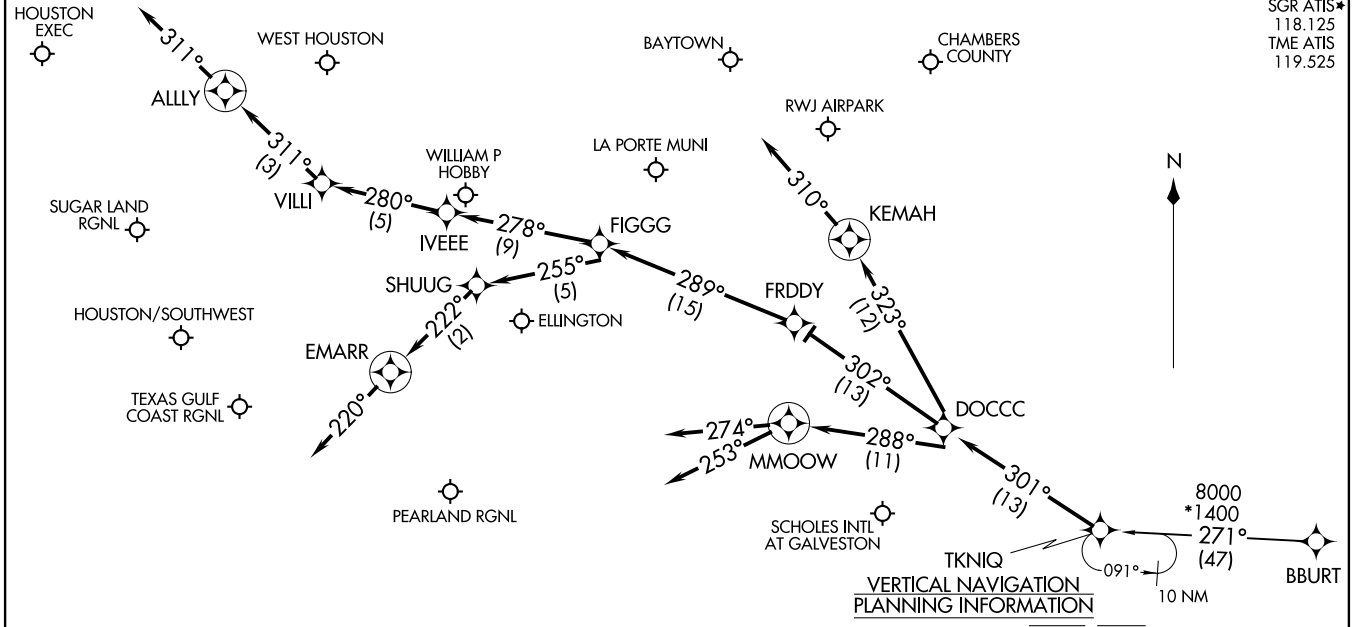
TKNIQ THREE ARRIVAL (RNAV)

(TKNIQ.TKNIQ3) 07OCT21

HOUSTON, TEXAS

RNAV 1- DME/DME/IRU or GPS.
RADAR required.

HOUSTON APP CON
119.625 226.675
EFD ATIS
135.575 269.9
HOU D-ATIS
124.6
SGR ATIS*
118.125
TME ATIS
119.525



VERTICAL NAVIGATION PLANNING INFORMATION

HOU TURBOJETS: Expect 12000 250K

SOUTH SATELLITE TURBOJETS: Expect 12000 280K

NOTE: Turbojet and turboprop aircraft only.

NOTE: ATC assigned only for aircraft landing HOU.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

TKNIQ THREE ARRIVAL (RNAV)

(TKNIQ.TKNIQ3) 21336

HOUSTON, TEXAS

AL-198 (FAA)

ARRIVAL ROUTE DESCRIPTION

BBURT TRANSITION (BBURT.TKNIQ3)

From TKNIQ on track 301° to DOCCC.

LANDING HOU RUNWAY 4: From DOCCC on track 302° to FRDDY, then on track 289° to FIGGG, then on track 255° to SHUUG, then on track 222° to EMARR, then on track 220°. Expect RADAR vectors to final approach course.

LANDING HOU RUNWAYS 13L/R: From DOCCC on track 302° to FRDDY, then on track 289° to FIGGG, then on track 278° to IVEEE, then on track 280° to VILLI, then on track 311° to ALLLY, then on track 311°. Expect RADAR vectors to final approach course.

LANDING HOU RUNWAY 22: From DOCCC on track 323° to KEMAH, then on track 310°. Expect RADAR vectors to final approach course.

LANDING HOU RUNWAYS 31L/R: From DOCCC on track 288° to MMOOW, then on track 274°. Expect RADAR vectors to final approach course.

LANDING AXH, EFD, GLS, HPY, IWS, LBX, LVJ, SGR, TME, TØØ, T41, 54T:
From DOCCC on track 288° to MMOOW, then on track 253°. Expect RADAR vectors to final approach course.

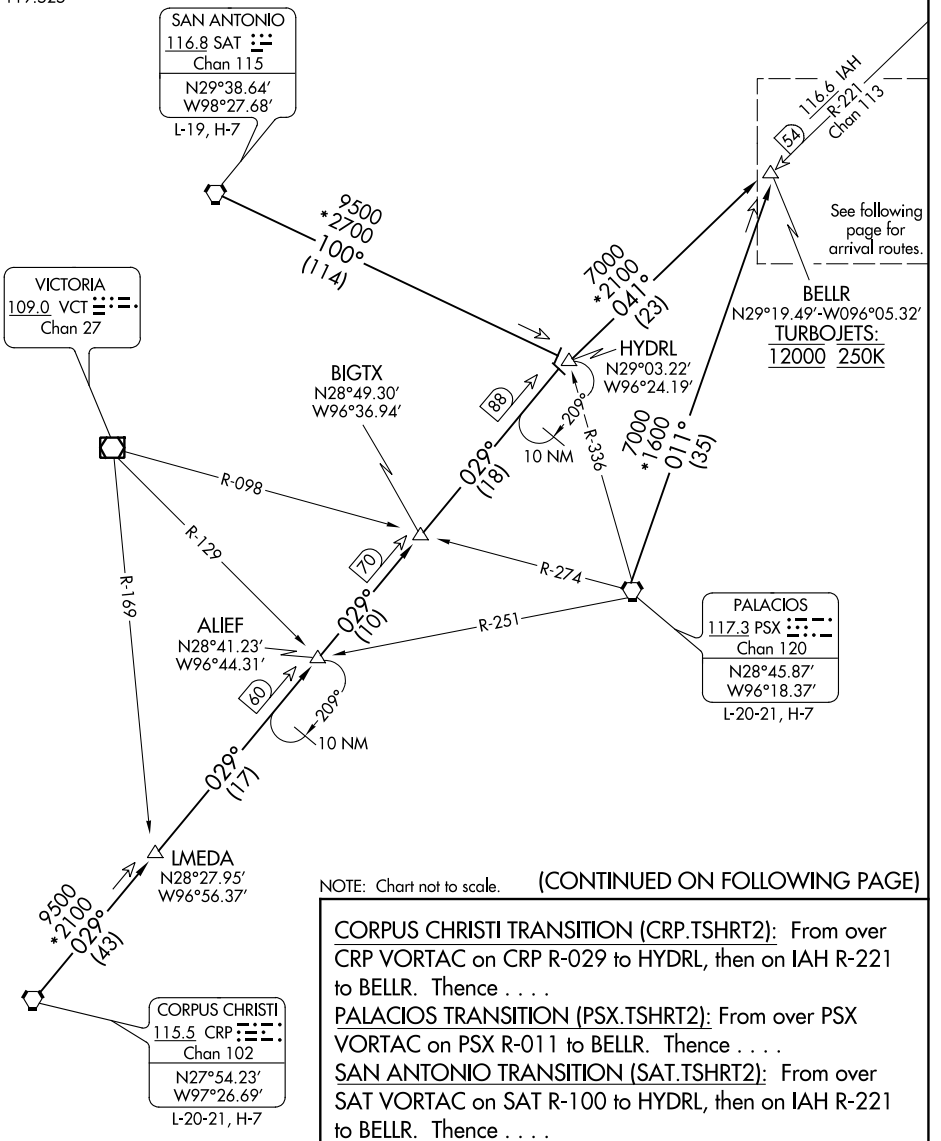
SC-5, 22 FEB 2024 to 21 MAR 2024

SC-5, 22 FEB 2024 to 21 MAR 2024

SC-5, 22 FEB 2024 to 21 MAR 2024

HOUSTON APP CON
119.175 291.675
EFD ATIS
135.575 269.9
HOU D-ATIS
124.6
SGR ATIS ★
118.125
TME ATIS
119.525

NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS equipped turbojet and turboprop aircraft landing HOU must file the BELLR (RNAV) STAR.
NOTE: DME required.
NOTE: DME required for holding at HYDRL.



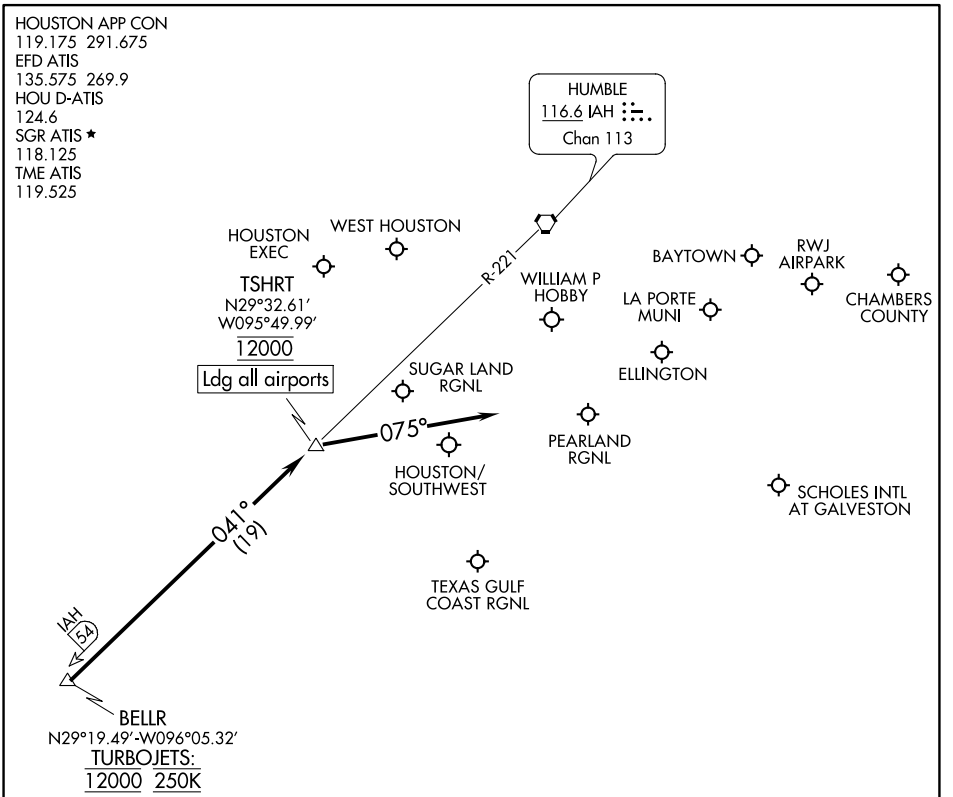
NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

CORPUS CHRISTI TRANSITION (CRP.TSHRT2): From over CRP VORTAC on CRP R-029 to HYDRL, then on IAH R-221 to BELLR. Thence . . . .

PALACIOS TRANSITION (PSX.TSHRT2): From over PSX VORTAC on PSX R-011 to BELLR. Thence . . . .

SAN ANTONIO TRANSITION (SAT.TSHRT2): From over SAT VORTAC on SAT R-100 to HYDRL, then on IAH R-221 to BELLR. Thence . . . .



NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS equipped turbojet and turboprop aircraft landing HOU must file the BELLR (RNAV) STAR.
NOTE: DME required.

NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

. . . . from over BELLR on IAH R-221 to cross TSHRT at 12000. From TSHRT fly heading 075° for vectors to final approach course.

SC-5, 22 FEB 2024 to 21 MAR 2024
SC-5, 22 FEB 2024 to 21 MAR 2024

WAPPL SIX ARRIVAL (RNAV) Transition Routes

(WAPPL.WAPPL6) 07OCT21

HOUSTON, TEXAS

(WAPPL.WAPPL6) 21280

WAPPL SIX ARRIVAL (RNAV) Transition Routes

AL-198 (FAA)

HOUSTON, TEXAS

HOUSTON APP CON
120.05 379.1
EFD ATIS
135.575 269.9
HOU D-ATIS
124.6
SGR ATIS ✦
118.125
TME ATIS
119.525

RNAV 1- DME/DME/IRU or GPS.
RADAR required.

NOTE: Expect runway assignment from Houston TRACON upon initial contact.
NOTE: For turbojet and turboprop aircraft capable of 280K or greater only.
NOTE: Turbojet aircraft descend via MACH number until intercepting 280K. Maintain 280K until slowed by the STAR.
NOTE: ZEBBB TRANSITION ATC assigned only.
NOTE: Except for aircraft departing SHV, PLANB TRANSITION is ATC assigned only. Do not file.

SAWMILL
SWB

PLANB

ALEXANDRIA
AEX

12000
*1900
217°
(92)

12000
*2000
189°
(60)

12000
*1800
235°
(74)

JMIKE
FL240

12000
*1700
216°
(12)

N

ZEBBB

9000
*1600
216°
(30)

9000
*1600
234°
(39)

055°
20 NM

BRWCK
FL240

WAPPL
FL270 280K
FL220

234°
054°
10 NM

See following page for Arrival Routes.

NOTE: Chart not to scale.

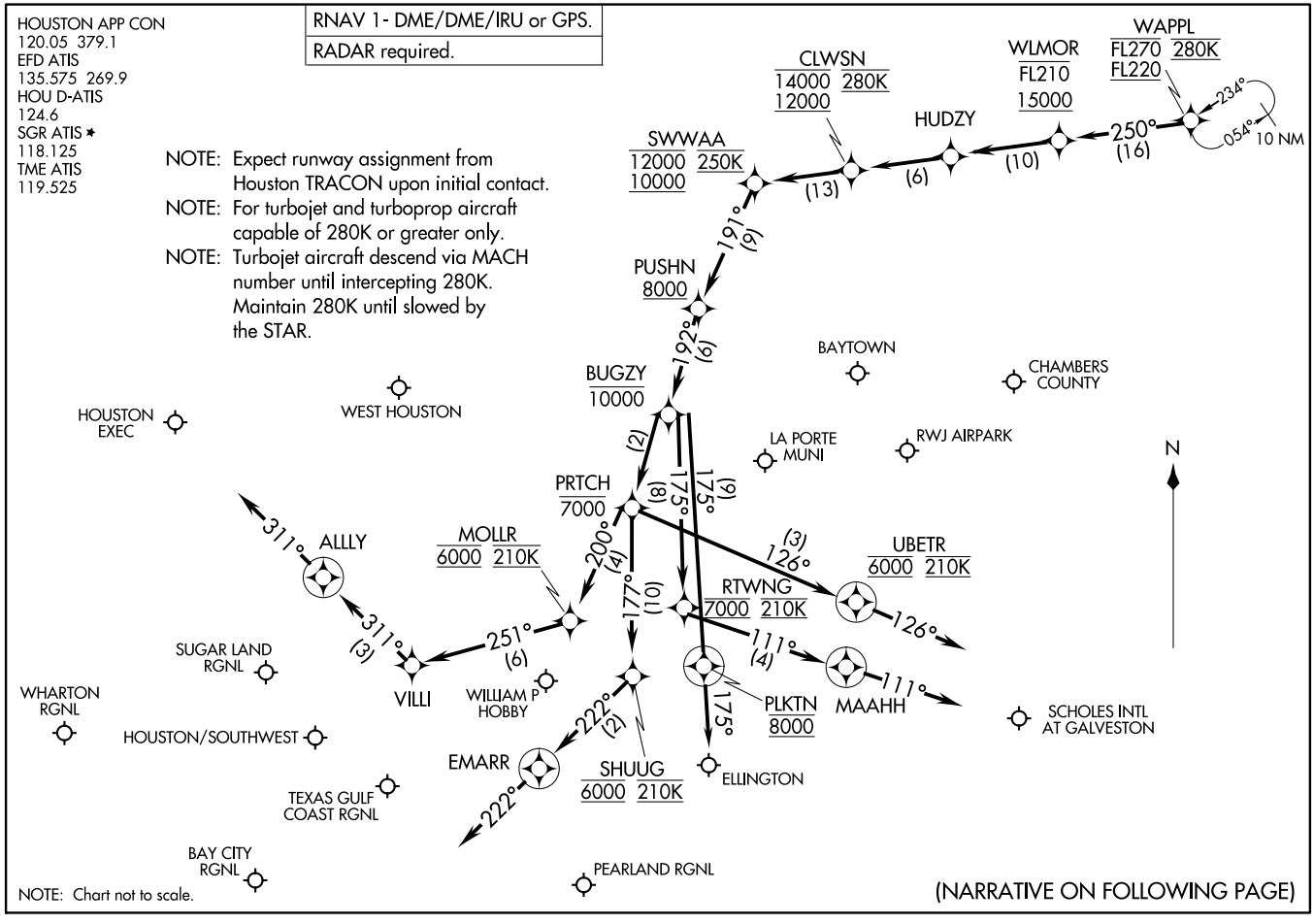
(CONTINUED ON FOLLOWING PAGES)

ALEXANDRIA TRANSITION (AEX.WAPPL6)
PLANB TRANSITION (PLANB.WAPPL6)
SAWMILL TRANSITION (SWB.WAPPL6)
ZEBBB TRANSITION (ZEBBB.WAPPL6)

WAPPL SIX ARRIVAL (RNAV) Arrival Routes

(WAPPL.WAPPL6) 07OCT21

HOUSTON, TEXAS



(WAPPL.WAPPL6) 23054

WAPPL SIX ARRIVAL (RNAV) Arrival Routes

HOUSTON, TEXAS

AL-198 (FAA)

ARRIVAL ROUTE DESCRIPTION

From WAPPL on track 250° to cross WLMOR between 15000 and FL210, then on track 250° to HUDZY, then on track 250° to cross CLWSN between 12000 and 14000 and at 280K, then on track 250° to cross SWWAA between 10000 and 12000 and at 250K, then on track 191° to cross PUSHN at or above 8000.

LANDING HOU RUNWAY 4: From PUSHN on track 192° to cross BUGZY at or below 10000, then on track 192° to cross PRTCH at or below 7000, then on track 177° to cross SHUUG at 6000 and at 210K, then on track 222° to EMARR, then on track 222°. Expect RADAR vectors to final approach course.

LANDING HOU RUNWAYS 13L/R: From PUSHN on track 192° to cross BUGZY at or below 10000, then on track 192° to cross PRTCH at or below 7000, then on track 200° to cross MOLLR at 6000 and at 210K, then on track 251° to VILLI, then on track 311° to ALLLY, then on track 311°. Expect RADAR vectors to final approach course.

LANDING HOU RUNWAY 22: From PUSHN on track 192° to cross BUGZY at or below 10000, then on track 175° to cross RTWNG at 7000 and at 210K, then on track 111° to MAAHH, then on track 111°. Expect RADAR vectors to final approach course.

LANDING HOU RUNWAYS 31L/R: From PUSHN on track 192° to cross BUGZY at or below 10000, then on track 192° to cross PRTCH at or below 7000, then on track 126° to cross UBETR at 6000 and at 210K, then on track 126°. Expect RADAR vectors to final approach course.

LANDING GLS, TME, AXH, HPY, T41, 54T, TØØ, SGR, ARM, BYY, LBX, LVJ, IWS, EFD: From WAPPL on track 250° to cross WLMOR between 15000 and FL210, then on track 250° to HUDZY, then on track 250° to cross CLWSN between 12000 and 14000 and at 280K, then on track 250° to cross SWWAA between 10000 and 12000 and at 250K, then on track 191° to cross PUSHN at or above 8000, then on track 192° to cross BUGZY at or below 10000, then on track 175° to cross PLKTN at 8000, then on track 175°. Expect RADAR vectors to final approach course.

SC-5, 22 FEB 2024 to 21 MAR 2024

OHIIO FOUR ARRIVAL

(OHIIO.OHIIO4) 22JUN17

HOUSTON, TEXAS

HOUSTON APP CON
120.05 379.1
CXO ATIS
118.325
DWH ATIS
128.375
EFD ATIS
135.575 269.9
HOU D-ATIS
124.6
IAH D-ATIS
124.05
SGR ATIS
118.125
TME ATIS
119.525

NOTE: DME/DME/IRU or GPS equipped turbojet aircraft landing IAH must file the GESNR/ZEEKK or DOOBI/SKNRD (RNAV) STAR.

NOTE: ATC assigned only for airports other than KIAH, KDWH and KCXO, T78 and 6R3.

LUFKIN
112.1 LFK
Chan 58
N31°09.75′
W94°43.00′

ALEXANDRIA
116.1 AEX
Chan 108
N31°15.40′
W92°30.06′

LYMBO
N30°53.33′
W93°59.91′

GESNR
N30°24.13′
W94°42.00′

ZEEKK
N30°32.15′-W094°30.25′

OHIIO
N30°08.29′
W95°05.04′

PNUUT
N30°06.16′
W95°08.12′

HUMBLE
116.6 IAH
Chan 113
N29°57.42′
W95°20.74′

DAISETTA
116.9 DAS
Chan 116

TRINITY
114.75 MHF
Chan 94(Y)

R-108
R-322
R-327
R-342
R-014
R-046

20 NM
071°
10000
*2000
251°
(79)

10000
*10000
159°
(39)

10 NM
046°
10000
*2000
226°
(34)

10000
*1600
226°
(13)

3000
*2200
(25)

NOTE: Chart not to scale.

N

CLEVELAND MUNI
CONROE/NORTH HOUSTON RGNL
DAVID WAYNE HOOKS MEML
GEORGE BUSH INTCNTL/HOUSTON
LIBERTY MUNI
HOUSTON EXEC
WEST HOUSTON
BAYTOWN
RWJ AIRPARK
LA PORTE MUNI
CHAMBERS COUNTY
SUGAR LAND RGNL
HOUSTON/ SOUTHWEST
WILLIAM P HOBBY
ELLINGTON
PEARLAND RGNL
TEXAS GULF COAST RGNL
SCHOLES INTL AT GALVESTON

ARRIVAL ROUTE DESCRIPTION

ALEXANDRIA TRANSITION (AEX.OHIIO4):
From over AEX VORTAC via AEX R-251 to LYMBO INT, then on IAH R-046 to OHIIO INT. Thence . . . .

LUFKIN TRANSITION (LFK.OHIIO4):
From over LFK VORTAC on LFK R-159 to ZEEKK INT, then on IAH R-046 to OHIIO INT. Thence . . . .

VERTICAL NAVIGATION PLANNING INFORMATION

TURBOJETS:
Landing East at IAH
Expect 17000 280K
Landing West at IAH
Expect 12000 250K

GEORGE BUSH INTCNTL AIRPORT /HOUSTON (IAH):
. . . . from OHIIO INT on IAH R-046 to PNUUT. Thence . . . .

LANDING RUNWAYS 8L/R or 9:
. . . . fly heading 265° for vectors to final approach course.

LANDING ALL OTHER RUNWAYS:
. . . . expect vectors to final approach course at or prior to PNUUT.

FOR ALL OTHER AIRPORTS:
. . . . from OHIIO INT on IAH R-046 to PNUUT. Expect vectors to final approach course at or prior to PNUUT.

OHIIO FOUR ARRIVAL

(OHIIO.OHIIO4) 23222

HOUSTON, TEXAS

AL-5461 (FAA)