

BLUBELL FOUR ARRIVAL
(BLUBL.BLUBL4) 26MAR20

HOUSTON APP CON
124.225 306.975
EFD ATIS
135.575 269.9
HOU D-ATIS
124.6
SGR ATIS *
118.125
TME ATIS
119.525

MAVERICK
113.1 TTT
Chan 78

COWBOY
116.2 CVE
Chan 109

LEONA
110.8 LOA
Chan 45
N31°07.44'
W95°58.08'
L-19, H-6

WACO
115.3 ACT
Chan 100

COLLEGE STATION
113.3 CLL
Chan 80
N30°36.30'-W96°25.24'
L-19-21, H-7

LLANO
108.2 LLO
Chan 19
N30°47.78'
W98°47.24'
L-19, H-6

BLUBL
9000
N30°18.27'
W96°18.18'

CENTEX
112.8 CWK
Chan 75

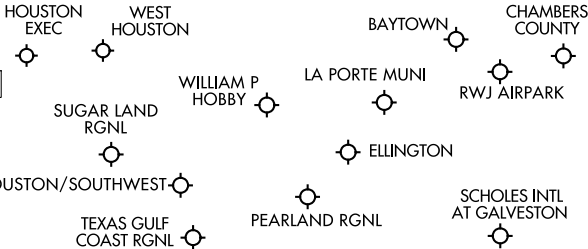
NAVASOTA
115.9 TNV
Chan 106

INDUSTRY
110.2 IDU
Chan 39

JAYJO
N30°20.23'
W96°48.90'
L-19-21, H-7

COWZZ
N30°04.37'
W96°12.77'

SNDAY
N29°56.42'
W96°09.68'
9000



NOTE: RADAR required.
NOTE: JAYJO TRANSITION
for Austin Terminal Area
Departures only.

NOTE: Chart not to scale.

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 . . .

NAVASOTA TRANSITION (TNV.BLUBL4): From over TNV VORTAC on TNV R-061 and CLL R-204 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.

(BLUBL.BLUBL4) 23110
BLUBELL FOUR ARRIVAL

AL-198 (FAA)

HOUSTON, TEXAS

HOUSTON, TEXAS

(CESAN, CESAN4) 22JUN17

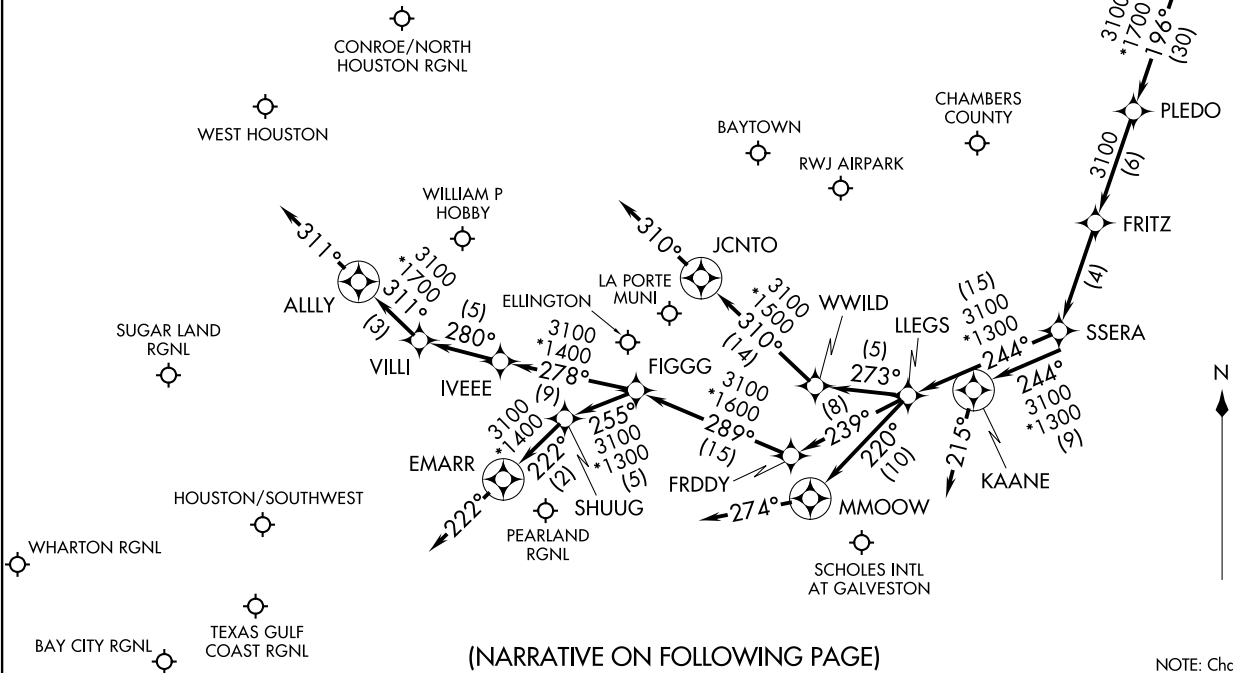
CESAN FOUR ARRIVAL (RNAV)

HOUSTON, TEXAS

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



(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

(CESAN, CESAN4) 23222

AL-198 (FAA)

HOUSTON, TEXAS

CESAN FOUR ARRIVAL (RNAV)

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 ALLY, 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 JCNT0, 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) 100CT19

HUDZY FOUR ARRIVAL
(HUDZY, HUDZY4) 23054

AL-198 (FAA)

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

BRWCK
N30°35.23'
W93°42.36'

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

LAKE CHARLES
113.4 LCH
Chan 81

SABINE PASS
115.4 SBI
Chan 101

TRINITY
114.75 MHF
Chan 94(Y)

VERTICAL NAVIGATION
PLANNING INFORMATION

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

CONROE/NORTH
HOUSTON RGNL

HUMBLE
116.6 IAH
Chan 113

DAVID WAYNE HOOKS MEML

GEORGE BUSH
INTCNTL/HOUSTON

WEST HOUSTON

HOUSTON EXEC

SWWAA
N30°00.52'
W95°09.42'

CLEVELAND MUNI

CLWSN
N30°04.42'
W94°55.13'

LIBERTY
MUNI

BAYTOWN
RWJ
AIRPARK

CHAMBERS
COUNTY

LA PORTE MUNI

WILLIAM P
HOBBY

ELLINGTON

SUGAR LAND RGNL

HOUSTON/SOUTHWEST

PEARLAND
RGNL

TEXAS GULF
COAST RGNL

SCHOLES INTL
AT GALVESTON



- 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.

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. . . .

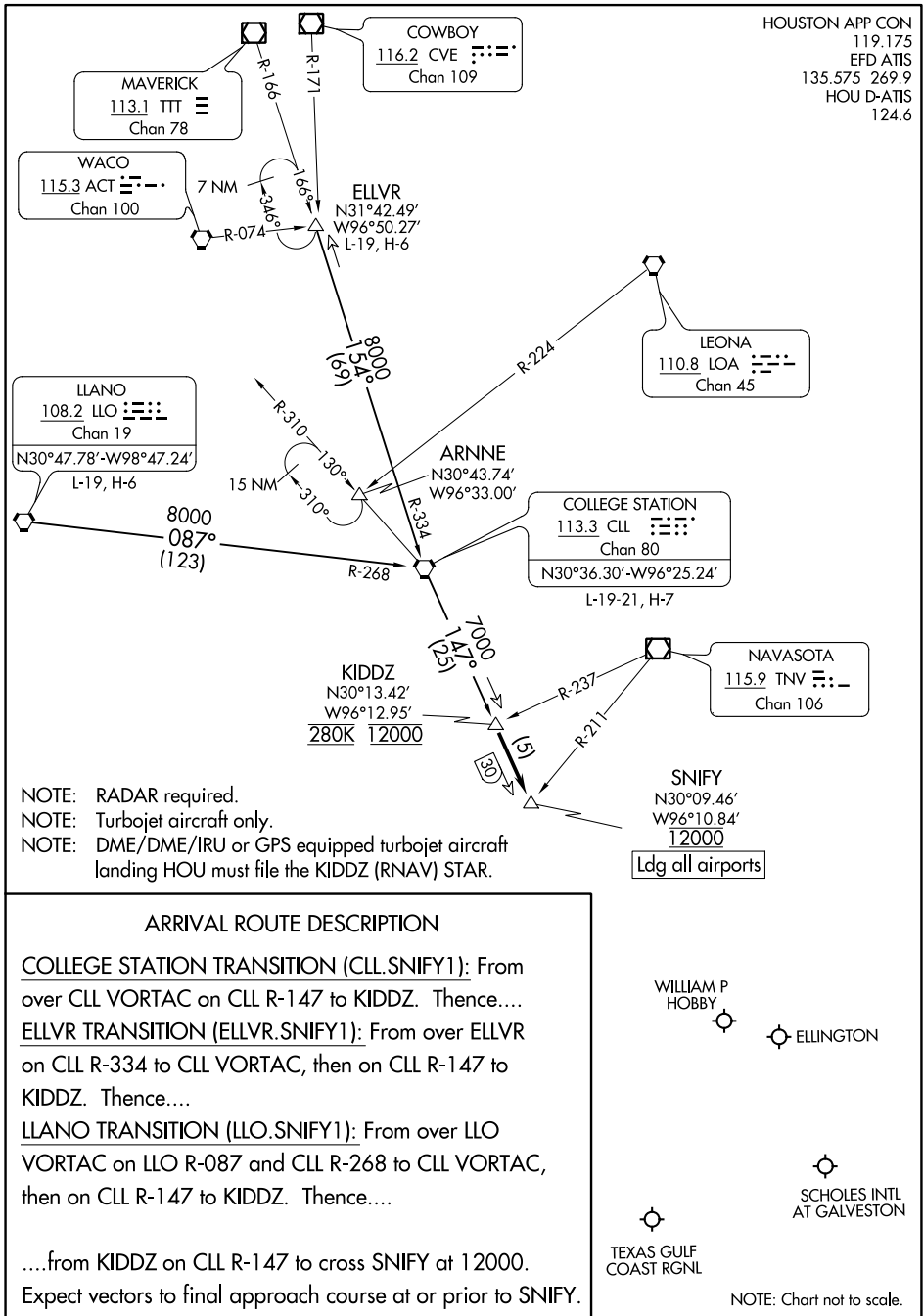
. . . .from over HUDZY on IAH R-067 to CLWSN, then on IAH R-067 to SWWAA, then on heading 190°. Expect RADAR vectors to final approach course.

SC-5, 22 FEB 2024 to 21 MAR 2024

SC-5, 22 FEB 2024 to 21 MAR 2024

SNIFY ONE ARRIVAL

HOUSTON, TEXAS



SC-5, 22 FEB 2024 to 21 MAR 2024

SC-5, 22 FEB 2024 to 21 MAR 2024

ARRIVAL ROUTE DESCRIPTION

COLLEGE STATION TRANSITION (CLL.SNIFY1): From over CLL VORTAC on CLL R-147 to KIDDZ. Thence....

ELLVR TRANSITION (ELLVR.SNIFY1): From over ELLVR on CLL R-334 to CLL VORTAC, then on CLL R-147 to KIDDZ. Thence....

LLANO TRANSITION (LLO.SNIFY1): From over LLO VORTAC on LLO R-087 and CLL R-268 to CLL VORTAC, then on CLL R-147 to KIDDZ. Thence....

...from KIDDZ on CLL R-147 to cross SNIFY at 12000.
Expect vectors to final approach course at or prior to SNIFY.

SNIFY ONE ARRIVAL

HOUSTON, TEXAS

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

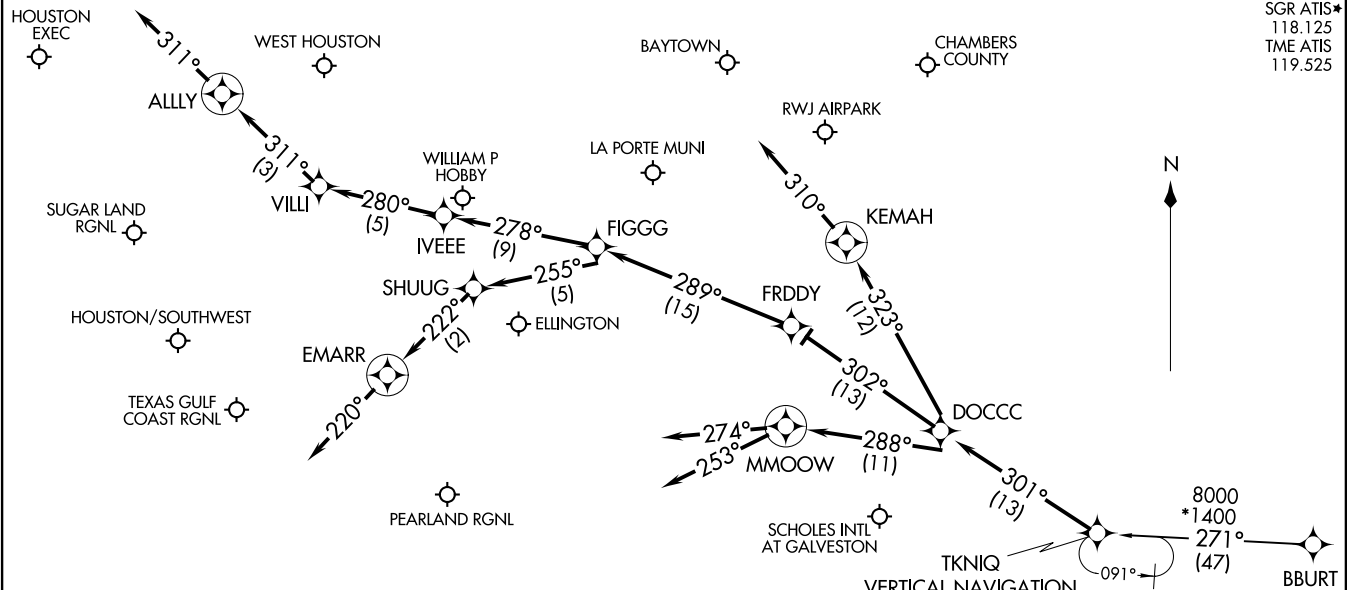
HOUSTON APP CON
119.625 226.675
EFD ATIS
135.575 269.9
HOU D-ATIS
124.6
SGR ATIS*
118.125
TME ATIS
119.525

TKNIQ THREE ARRIVAL (RNAV)
(TKNIQ.TKNIQ3) 07OCT21

TKNIQ THREE ARRIVAL (RNAV)
(TKNIQ.TKNIQ3) 21336

AI-198 (FAA)

HOUSTON, TEXAS



NOTE: Turbojet and turboprop aircraft only.
NOTE: ATC assigned only for aircraft landing HOU.

VERTICAL NAVIGATION
PLANNING INFORMATION
HOU TURBOJETS: Expect 12000 250K
SOUTH SATELLITE TURBOJETS: Expect 12000 280K

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

HOUSTON, TEXAS

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 ALLY, 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

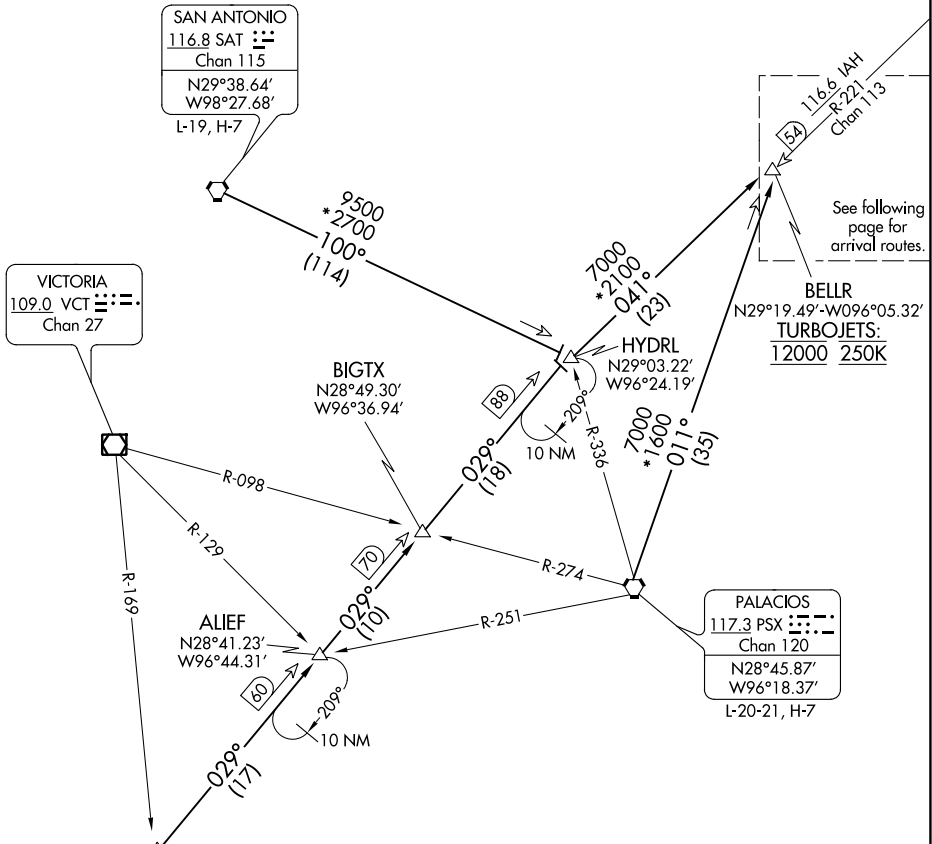
TSHRT TWO ARRIVAL

Transition Routes

HOUSTON, TEXAS

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.



SC-5, 22 FEB 2024 to 21 MAR 2024

SC-5, 22 FEB 2024 to 21 MAR 2024

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

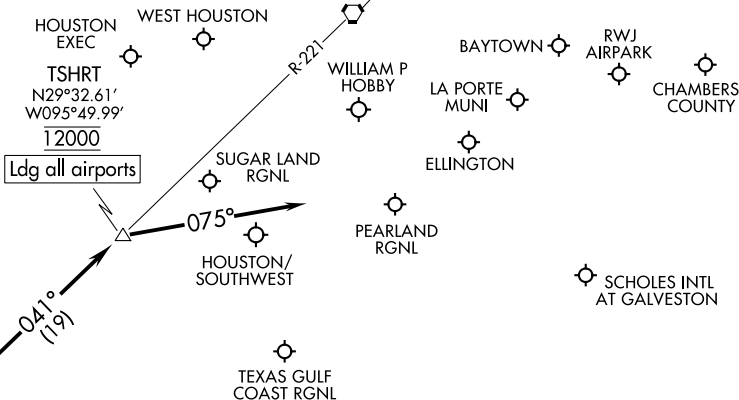
TSHRT TWO ARRIVAL

Transition Routes

HOUSTON, TEXAS

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

HUMBLE
 116.6 IAH :D:D
 Chan 113



Ldg all airports

12000

041°
(19)

075°

R-221

HOUSTON EXEC
 TSHRT
 N29°32.61'
 W095°49.99'

WEST HOUSTON

SUGAR LAND RGNL

HOUSTON/SOUTHWEST

TEXAS GULF COAST RGNL

WILLIAM P HOBBY

LA PORTE MUNI

ELLINGTON

PEARLAND RGNL

BAYTOWN

RWJ AIRPARK

CHAMBERS COUNTY

SCHOLES INTL AT GALVESTON

IAH
 (52)

BELLR
 N29°19.49'-W096°05.32'
 TURBOJET:
 12000 250K

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

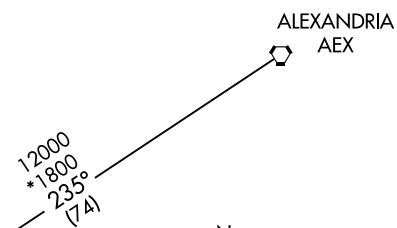
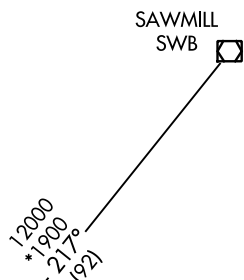
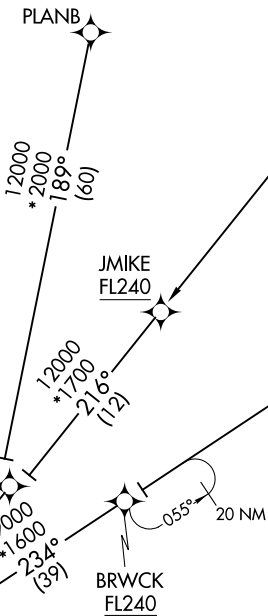
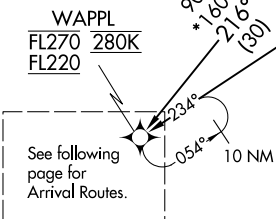
(WAPPL.WAPPL6) 070CT21

WAPPL SIX ARRIVAL (RNAV) Transition Routes

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

- 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.



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

(CONTINUED ON FOLLOWING PAGES)

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

NOTE: Chart not to scale.

(WAPPL.WAPPL6) 21280

Transition Routes

AI-198 (FAA)

HOUSTON, TEXAS

WAPPL SIX ARRIVAL (RNAV) Arrival Routes
 (WAPPL, WAPPL6) 07OCT21

WAPPL SIX ARRIVAL (RNAV) Arrival Routes

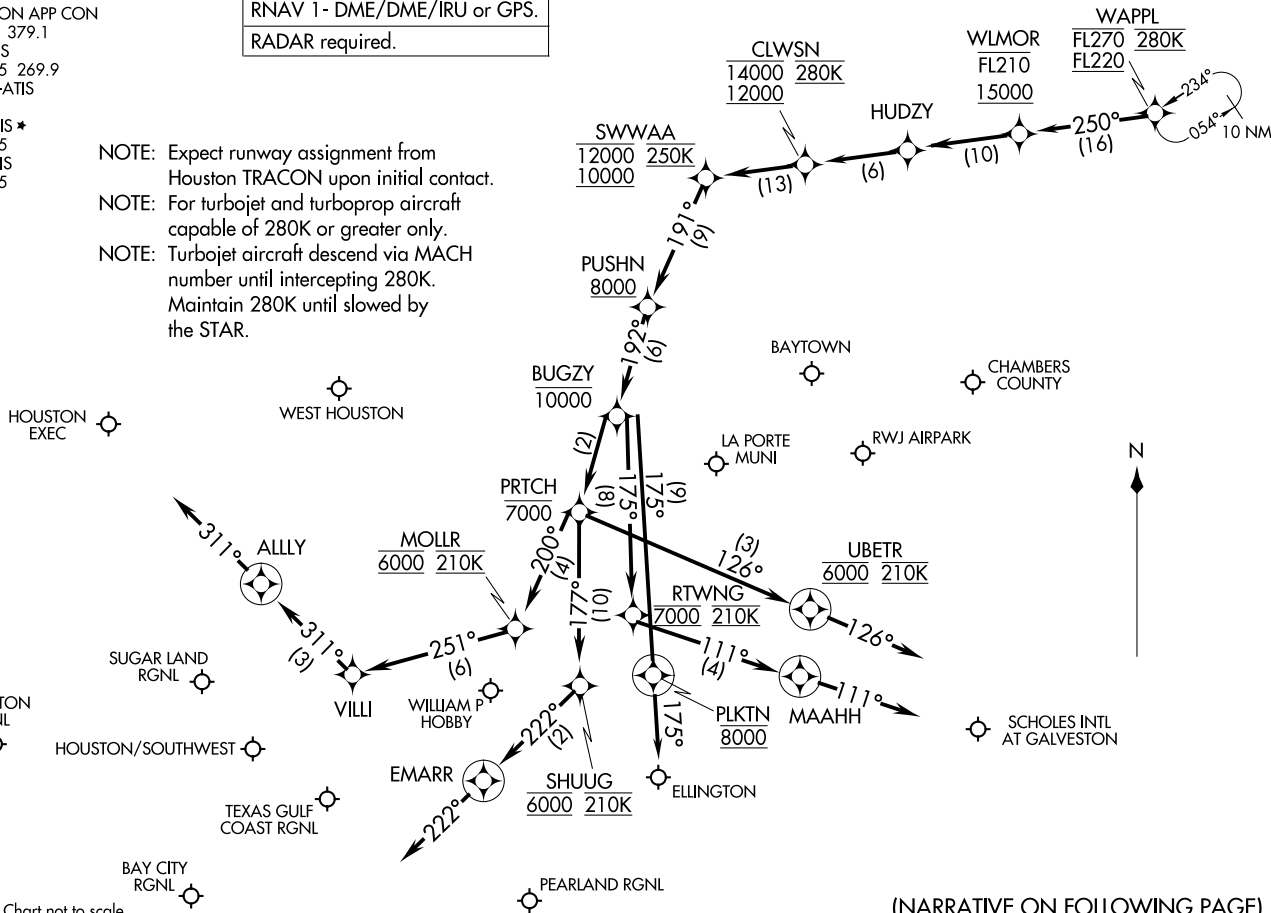
HOUSTON, TEXAS

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: Chart not to scale.



(NARRATIVE ON FOLLOWING PAGE)

(WAPPL, WAPPL6) 23054
 WAPPL SIX ARRIVAL (RNAV) Arrival Routes

AL-198 (FAA)

HOUSTON, TEXAS

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 PRITCH 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 PRITCH 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 ALLY, 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 PRITCH 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, T00, 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.

