

US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

**RNAV - STANDARD  
INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.33**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
YEYUS (IAF)	CAPEK (FB)	080.19 / 9.86	2000	LPV: DA LNAV/VNAV: DA LNAV: RW35
CAPEK (IF)	HULLO (FB)	350.29 / 6.71	1800	
HULLO (FAF)	RW35 (MAP) (FO)	350.28 / 5.24		CLIMB TO 2000 DIRECT UPAQI AND ON TRACK 018.93 TO DREWZ AND HOLD.
RW35 (MAP)	275 MSL	350.28		
275 MSL	UPAQI (FB)			
UPAQI	DREWZ (FO)	018.93 / 5.63	2000	ADDITIONAL FLIGHT DATA: HOLD W, RT, 104.00 INBOUND. CHART FAS OBST: 403 TOWER 293650N/0953947W CHART VDP AT 1.66 MILES TO RW35* *LNAV ONLY. WAAS CHANNEL # 56219 REFERENCE PATH ID: W35A DISTANCE TO THLD FROM 200 HATH: 0.45NM LTP HAE: -4.6 M

1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN        MILES OF (IAF)
2. PROFILE STARTS AT CAPEK
3. FAC: 350.28 FAF: HULLO DIST FAF TO MAP: 5.24 THLD: 5.24
4. MIN. ALT: CAPEK 2000, HULLO 1800
5. DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:
6. MIN GS INCP: 1800 GS ALT AT: HULLO 1800 OM:        MM:        IM:
7. GS ANGLE: 3.00 TCH: 56.2 34:1 IS CLEAR
8. MSA FROM: RW35 3100

MAG VAR: 5E EPOCH YEAR: 2000

MINIMUMS																
TAKEOFF:	SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A		STANDARD #			
CATEGORY =====>	A			B			C			D			E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LPV DA	275	3/4	200	275	3/4	200	275	3/4	200	275	3/4	200				
LNAV/VNAV DA	564	1 5/8	489	564	1 5/8	489	564	1 5/8	489	564	1 5/8	489				
LNAV MDA	660	1	585	660	1	585	660	1 3/4	585	660	1 3/4	585				
CIRCLING	720	1	638	720	1	638	720	1 3/4	638	720	2	638				

NOTES:  
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 43C (109F). # NA WHEN LOCAL WEATHER NOT AVAILABLE.  
 CHART NOTE: DME/DME RNP-0.3 NA.  
 CHART PLANVIEW NOTE: RADAR REQUIRED.  
 CHART NOTE: BARO-VNAV AND VDP NA WHEN USING WILLIAM P. HOBBY ALTIMETER SETTING.  
 (SEE FORM 8260-10)

6.0.1.17  
CHECKED

CITY AND STATE HOUSTON, TX	ELEVATION: 82 THRE: 75	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, AMDT 2 9 FEB 2012	SUP:
	AIRPORT NAME: SUGAR LAND RGNL			AMDT: 1
				DATED 08/04/2005

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
**RNAV - STANDARD**  
**INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES. (CONT.):  
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WILLIAM P HOBBY ALTIMETER SETTING:  
 INCREASE ALL DA 51 FEET; INCREASE ALL MDA 60 FEET AND INCREASE LNAV-VNAV ALL CATS VISIBILITY TO 1  
 3/4, LNAV CAT C/D VISIBILITY TO 1 7/8, AND CIRCLING CAT C VISIBILITY TO 2, CAT D TO 2 1/4.  
 CHART NOTE: WHEN VSGI.INOP, CIRCLING RWY 17 NA AT NIGHT.



CITY AND STATE HOUSTON, TX	ELEVATION: 82      THRE: 75 AIRPORT NAME: SUGAR LAND RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, AMDT 2 9 FEB 2012	SUP:
				AMDT: 1
				DATED: 08/04/2005

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICE - FAR PART 97.33**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSGR
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	293700.2065N
LTP/FTP LONGITUDE	0953921.6440W
LTP/FTP ELLIPSOIDAL HEIGHT	-00046
FPAP LATITUDE	293829.2300N
FPAP LONGITUDE	0953930.0500W
THRESHOLD CROSSING HEIGHT (TCH)	00056.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

**CRC REMAINDER** 300E9F1F

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00228
FPAP ORTHOMETRIC HEIGHT	+00228



CITY AND STATE HOUSTON, TX	ELEVATION: 82	THRE: 75	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, AMDT 2 9 FEB 2012	SUP:
	AIRPORT NAME: SUGAR LAND RGNL				AMDT: 1
					DATED: 08/04/2005



