

KMSY - LOUIS ARMSTRONG INTL

EFF: 1803

INSTRUMENT APPROACHES					STAR'S					
APPROACH	ALTITUDE	FREQUENCY	COURSE	FAF	STAR	X AT	ALT	IAS	DIR	
ILS/LOC 11	2/2	109.9	103	KINTE	AWDAD1	AWDAD	11,000	250	W/NW	
ILS/LOC 29	1.5/3	109.9	283	ZUTAT	OLEDD4	TBD	11,000	X	SW	
ILS/LOC 02	2/2/1.5	111.7	013	DOLAR	RYTHM4	RHYTHM	11,000	250	NW/N	
LOC 20	2/2	111.7	193	JASPO	SLIDD2	SLIDD	11,000	X	NE/E	
VOR/DME 11	2/1.7	110.8	107	FAWPE						
DEPARTURE GATES			FREQUENCIES		RUNWAY OPERATIONS					
GATE	ID	DIR	POSITION	FREQ	OPS	DEP	ARR	HDG	WND SPD	
TICKS	A	N	MSY_W_APP	125.500	SOUTH/STD	20	11/20	100-190	CALM	
WALKE	W	NW	MSY_E_APP	133.150	NORTHWEST	29	2	280-360	>10 KTS	
TIBBY	T	S	MSY_S_APP	123.850	NORTHEAST	2	2/11	010-090	>10 KTS	
VALEN	V	SW	MSY_H_APP	118.900	SOUTHWEST	29	20	200-270	>10 KTS	
SULPA	S	SE	MSY_F_APP	120.100	INTERSECTION DEPARTURES					
RNAKI	K	E	MSY_TWR	119.500	RUNWAY 11/29			RUNWAY 02/20		
PCU	H	NE	MSY_GND	121.900	TAXIWAY	RWY 11	RWY 29	TAXIWAY	RWY 02	RWY 20
FRANK	F	NE	MSY_DEL	127.200	A	8750	1300	T	1000	5950
INITIAL ALTITUDE			ATIS	127.550	B	6500	3500	U	2500	4500
TURBOJET	4,000	MVA		C	4500	5500	E	5800	1200	
PROP	2,000	1,500		D	2500	7500	W	6500	1500	
NOTAMS:			APCH CEILING		F	1800	8250			
RWY 6/24 CLOSED			15,000							

KSAT - SAN ANTONIO INTL

EFF: 1803

INSTRUMENT APPROACHES					STAR's				
APPROACH	ALTITUDE	FREQUENCY	COURSE	FAF	STAR	X AT	ALT	IAS	DIR
ILS 13R	2.8/3.1	110.9	127	ALAMO	CSI2	BENEY	10,000	X	W/NW
ILS 31L	2.6/3.1	110.9	304	WAKKS	LEMIG1	LEMIG	10,000	X	SW/S/SE
ILS/LOC 4	2.5/3.5/3.5/4	109.7	037	NADBE	MARCS1	MARCS	13,000	X	NE/E
					BRAUN2	MARCS	13,000	X	W
					STV1	STV	10,000	X	NW/N
DEPARTURES				RUNWAY OPERATIONS					
PROCEDURE		VECTORS TO	DIR	OPS	DEP	ARR	HDG	WND SPD	
ALAMO2				SOUTH/STD	13R/4	13L/13R	120-220	CALM	
JUMBO	HENLY	N/NW		NORTH	31L/31R	4/31L	260-010	>10 KTS	
AGJ	GOBBY	N/NE		EAST	13R	13L/13R	090-170	>10 KTS	
				WEST	31L	31L/31R	200-010	>10 KTS	
BOWIE7				FREQUENCIES		INITIAL ALTITUDE			
LRD	MILET	SW		POSITION	FREQ	DEPARTING SAT		5,000	
CRP	YENNS	SE		SAT_N_APP	124.450	REMAIN SAT		3,000	
ALISS5	TREVA	W/NW		SAT_S_APP	118.050				
SETZR2	VAUHN	E		SAT_E_APP	128.050	MVA			
MILET4	RAYBN	S/SW		SAT_W_APP	125.100	2,800			
(THREE RIVERS) THX4	YENNS	S/SE		SAT_TWR	119.800				
LEJON4	TATAR	N/NW		SAT_GND	121.900	APPROACH CEILING			
				SAT_DEL	126.700	13,000			
				ATIS	118.900				

KAUS - AUSTIN BERGSTROM INTL

EFF: 1803

INSTRUMENT APPROACHES					STAR's				
APPROACH	ALTITUDE	FREQUENCY	COURSE	FAF	STAR	X AT	ALT	IAS	DIR
ILS/LOC 17L	2.5/4/5	110.5	175	GAPPI	BITER7	WLEEE	12,000	X	E/SE
ILS/LOC 17R	2.1/3/4	110.95	173	HOMAL	BLEWE4	SEWZY	13,000	X	N/NE
ILS/LOC 35L	2.4/4.4/5	110.95	353	LAMAS	KALLA3	KALLA	10,000	X	NW/W
ILS/LOC 35R	2.1/3.4/4	110.5	353	ZEDKU	WLEEE4	DESCEND	VIA	ARRIVAL	E/SE
DEPARTURES				MVA:	DXEEE1	DESCEND	VIA	ARRIVAL	W/SW
PROCEDURE	VECTORS TO	DIR	2,800	LAIKS2	DESCEND	VIA	ARRIVAL	NW/W	
AUSTIN5 (AUS)				SEWZY4	DESCEND	VIA	ARRIVAL	NE/E	
SAT	GARDS	SW	RUNWAY OPERATIONS						
STV/JCT	AMUSE	W	OPS	DEP	ARR	HDG	WND SPD		
LLO/SJT/ABI	BASIS	NW/N	SOUTH/STD	17L/17R	17L/17R	090-260	CALM		
AGJ	JASMO	NW	NORTH	35L/35R	35L/35R	270-080	>10 KTS		
CENTEX6 (CWK)			FREQUENCIES			INIT. ALT.:	4,000		
IILEXY/JAYJO/CLL/TNV	HOOKK	E	POSITION	FREQ	APCH CLG.:	12,000			
NAVYS	MUNCH	NE	AUS_W_APP	119.000					
ACT	DARTE	N/NE	AUS_E_APP	127.225					
PALMS2	PALMS	S/SE	AUS_S_APP	120.870					
AEROZ1	AMUSE	W/NW	AUS_F_APP	125.320					
BNDA2	GARDS	W/SW	AUS_E_TWR	121.000					
ELOEL2	WLMRT	N/NW	AUS_W_TWR	118.225					
IILEXY2	HOOKK	E	AUS_E_GND	121.900					
MUCKY2	PAYDA	N/NW	AUS_W_GND	121.700					
SAYBRS2	MUNCH	N/NE	AUS_DEL	125.500					
			ATIS	124.400					

KIAH - HOUSTON GEORGE BUSH INTERCONTINENTAL

EFF:

1803

INSTRUMENT APPROACHES					STAR'S						
APPROACH	ALTITUDE	FREQ	COURSE	FAF	STAR	X AT	ALT	IAS	DIR	LAND STD	LAND EAST
ILS/LOC 8L	2/3/3/3/3	111.6	085	JACEN	DOOB12	DESCEND VIA THE ARRIVAL			NE	26L/R, 27	
ILS/LOC 8R	2/2/5/7/7	109.7	085	MATON	DRLLR5	DESCEND VIA THE ARRIVAL			NW	26L/R, 27	
ILS/LOC 9	2/3/4/5/5	110.9	085	HYWAY	DUUUK2/E	GMANN	13,000	250	SW		8L/8R/9
ILS/LOC 26R	2/3/4/5	111.55	265	OWELL	DUUUK2/W	GMANN	14,000	280	SW	26L/R, 27	
ILS/LOC 26L	(.8)/2/3/5/7/7	109.7	265	JEPNI	GESNR1	DESCEND VIA THE ARRIVAL			NE		8L/8R/9
ILC/LOC 27	1.5/2/4/5/5	110.9	265	REDOC	GILCO4/W	WOLDE	12,000	250	SE	26L/R, 27	
ILS/LOC 33R	1.6/2	111.9	327	JOLTE	GILCO4/E	WOLDE	17,000	280	SE		8L/8R/9
ILS/LOC 15R	2/3/3/3	111.15	147	JAKPO	LINKK1	DESCEND VIA THE ARRIVAL			SE	26L/R, 27	
DEPARTURES					GUSHR3	DESCEND VIA THE ARRIVAL			NW		8L/8R/9
PROCEDURE		RNAV	VECTORS	GATE	NNCEE1	DESCEND VIA THE ARRIVAL			E/SE		8L/8R/9
ALEXANDRIA ONE		~~	DARTR	CLEEP	HTOWN2	DESCEND VIA THE ARRIVAL			W/SW		8L/8R/9
BLTWY FOUR (RNAV)		~~	DREMR	GOMER	HUDZY3	HUDZY	14,000	280	NE	26L/R, 27	8L/8R/9
BNDTO ONE (RNAV)		SCAMM(15's)	SHAAK	PRARI	MSCOT4	DESCEND VIA THE ARRIVAL			NW	26L/R, 27	
CRIED NINE		~~	LITLD	GOMER	OHII04/E	ZEEKK	17,000	280	NE		8L/8R/9
EL DORADO NINE		~~	DARTR	CLEEP	OHII04/W	ZEEKK	12,000	250	NE	26L/R, 27	
FLYZA FIVE (RNAV)		TTAPS(15's)	BOTLL	BOLOS	RIICE8/E	RIICE	9,000	250	NW		8L/8R/9
GIFFA NINE		~~	MONNT	GOMER	RIICE8/W	RIICE	16,000	280	NW	26L/R, 27	
GUMBY THREE (RNAV)		CRTMN(15's)	DWSUN	TRIOS	SKNRD4	DESCEND VIA THE ARRIVAL			NE		8L/8R/9
HOODO FIVE (RNAV)		~~	VUH	BOLOS	TEJAS4	DESCEND VIA THE ARRIVAL			S/SW	26L/R, 27	
INDIE FIVE (RNAV)		~~	RENNK	CLEEP	TTORO3	DESCEND VIA THE ARRIVAL			N/NW		8L/8R/9
INDUSTRY NINE		~~	SHYNR	PRARI	SOULL1	DESCEND VIA THE ARRIVAL			SE	26L/R, 27	8L/8R/9
JUNCTION ONE		~~	CUZZZ	PRARI	ZEEKK2	DESCEND VIA THE ARRIVAL			NE	26L/R, 27	
LAKE CHARLES FIVE		~~	WEDRI	TRIOS							
LEONA THREE		~~	WLLIS	GOMER	RUNWAY OPERATIONS						
LUFKIN TWO		~~	COLET	CLEEP	OPS	DEPARTURES	ARRIVALS	HEADINGS	WIND		
LURIC FIVE (RNAV)		~~	KNTKY	CLEEP	WEST/STD	15L/15R	26L/26R/27	CALM	CALM		
MMUGS FOUR (RNAV)		TTAPS(15's)	BOTLL	TRIOS	EAST	15L/15R	8L/8R/9	010-170	>10KTS		
PALACIOS NINE		~~	SKUBA	FREEP	NORTH	33L/33R	26L/26R/27	270-350	>15KTS		
PITZZ FOUR (RNAV)		JAYLO(15's)	RODKL	PRARI							
RITAA FIVE (RNAV)		TTAPS(15's)	BOTLL	AGGIT	INITIAL ALTITUDE			DEPARTURE HEADINGS			
STRYA FIVE (RNAV)		~~	KNTKY	CLEEP	PROPS	3,000		DEPARTURE GATE	RWY	HDG	
STYCK FIVE (RNAV)		~~	BBYSE	GOMER	BELOW 10K	3,000		STANDARD OPS			
TRUAX SEVEN		~~	YAWNS	AGGIT	10K +	4,000		Gomer	15R/33L	340	
WYLSN FIVE (RNAV)		~~	WYLSN	GOMER	MVA	APPROACH CEILING		Cleep	15R/33L	020	
FREQUENCIES					1,700	16,000		Freep	15L/33R	130	
POSITION		FREQUENCY									
HOU_D_APP		120.05		EAST OPS							
HOU_N_APP		124.35		Gomer		15R/33L		340		Trios	
HOU_G_APP		119.62		Cleep		15R/33L		020		Aggit	
HOU_X_APP		119.17		Freep		15L/33R		130			
HOU_DEP		133.6		Bolos		15L/33R		130			
IAH_N_TWR		125.35		Prari		15R/33L		230			
IAH_S_TWR		127.3		Trios		15L/33R		100			
IAH_GND		121.7		Aggit		15L/33R		130			
IAH_DEL		128.1									
ATIS		124.05									

8L	MAAKO(IAF) 28/3K	KABBY 23/3K	KICKM(IF) 18/3K	FLIBZ 10/3K	JACEN 7/2K	OWELL 7.5/2K	CHUBS 11/3K	RAIDS(IF) 19/4K	NEWLY 23/5K	ZAPPO(IAF) 28/5K	26R	
8R	LASSY(IAF) 26/7K	DPLOY 21/7K	JELLI(IF) 17/5K	REIGN 13/4K	EELPO 9/3K	MATON 5/2K	JEPNI 7/2K	KERNS 11/3K	GRIEG(IF) 19/5K	MKAYE 23/7K	VANNN(IAF) 28/7K	26L
9	URANG(IAF) 27/5K	CHILT 22/5K	MEDIC(IF) 18/4K	DOHNN 14/4K	SAYNO 10/3K	HYWAY 6/2K	REDOC 6/1.5K	FESTA 10/2K	DENTO(IF) 18/2K	TRANN 22/3K	SILLS(IAF) 27/4K	27

KHOU - HOUSTON WILLIAM P HOBBY INTL

EFF:

1803

INSTRUMENT APPROACHES					STAR's						
APPROACH	ALTITUDE	FREQ	COURSE	FAF	STAR	X AT	ALT	IAS	DIR	SOUTH	NORTH
ILS/LOC 4	1.5/2	109.9	041	EISEN	BAYYY3	DESCEND VIA THE ARRIVAL			E/SE	13L/13R	
ILS/LOC 13R	2	111.3	131	ROYCE	BELLR3	DESCEND VIA THE ARRIVAL			S/SW	13L/13R	31L/31R
ILS/LOC 31L	2.1/4	111.3	311	LESLO	BLUBL3	BLUBL	9,000	250	N/NW	13L/13R	31L/31R
LOC 22	1.6/2	109.9	221	AVVOS	CESAN4	CESAN	11,000	X	NE	13L/13R	31L/31R
DEPARTURES					HUDZY3	HUDZY	14,000	280	N/NE	13L/13R	31L/31R
PROCEDURE		VECTORS	STD	NORTH	KIDDZ3	DESCEND VIA THE ARRIVAL			NW	13L/13R	31L/31R
ALEXANDRIA ONE		DARTR	350	010	OHIO4/N	WHACK	17,000	280	NE		31L/31R
BLTWY FOUR		DREMR	RWY HDG	120	OHIO4/S	WHACK	12,000	250	NE	13L/13R	
CRIED NINE		LITLD	350	RWY HDG	PUCKS3	DESCEND VIA THE ARRIVAL			E/SE	13L/13R	31L/31R
EL DORADO NINE		DARTR	350	010	QTRBK1	KIDDZ	12,000	280	N/NW	13L/13R	31L/31R
ELOCO FOUR (RNAV)		ELOCO	RWY HDG	120	TCHDN2	BELLR	12,000	250	SW	13L/13R	31L/31R
GIFFA NINE		MONNT	350	010	TKNIQ2	TKNIQ	12,000	250	SE	13L/13R	31L/31R
HOODO FIVE		VUH	RWY HDG	120	WAPPL4	DESCEND VIA THE ARRIVAL			NE	13L/13R	31L/31R
RUNWAY OPERATIONS											
					OPS	DEPARTURES	ARRIVALS	HEADINGS		WIND	
INDIE FIVE (RNAV)		RENNK	350	010							
INDUSTRY NINE		SHYNR	270	270	SOUTH/STD	13L/13R/17/22	13L/13R	110-180		CALM	
LEONA THREE		WLLIS	350	RWY HDG	NORTH	31L/31R/35	31L/31R/35	280-010		>10 KTS	
LUFKIN TWO		COLET	350	010	EAST	4/31L/31R/35	4/31L/31R/35	330-050		>10 KTS	
LURIC FIVE (RNAV)		KNTKY	350	010	WEST	22/31L/31R	22/31L/31R	22/31L/31R		>10 KTS	
PALACIOS NINE		SKUBA	RWY HDG	120	CHURCH	13L/13R	4	060-090		>10 KTS	
PEECE FOUR (RNAV)		PEECE	RWY HDG	120							
PTRON FIVE (RNAV)		SAALT	RWY HDG	120							
					INITIAL ALTITUDE		DEPARTURE HEADINGS				
RETYR FIVE (RNAV)		RETYR	350	RWY HDG	PROPS	3,000	DEPARTURE GATE		RWY	HDG	
STRYA FIVE (RNAV)		KNTKY	350	010	BELOW 10K	3,000	SOUTH				
STYCK FIVE (RNAV)		BBYSE	350	010	10K+	5,000	HELTN/LINGG/VUH		13R	RWY HDG	
TRUAX SEVEN		YAWNS	RWY HDG	120	MVA	APPROACH CEILING	YAWNS/CHPEE/SKUBA		13R	350	
WYLSN FIVE (RNAV)		WYLSN	350	010	1,700	16,000	LITLD/MONNT/DARTR		13R	350	
							WLLIS/COLET/MNKEE		13R	350	
							SEALY		13L	290	
FREQUENCIES											
POSITION		FREQUENCY		DEPARTURE HEADINGS							
HOU_D_APP		120.05		DEPARTURE GATE		RWY		HDG			
HOU_N_APP		124.35		NORTH							
HOU_G_APP		119.62		HELTN/LINGG/VUH		31L		120			
HOU_DEP		133.6		YAWNS/CHPEE/SKUBA		31L		120			
HOU_TWR		118.7		MONNT/DARTR/COLET		31L		010			
HOU_GND		121.9		LITLD/SEALY/WLLIS		31R		RWY HDG			
HOU_DEL		125.45		MNKEE		31R		RWY HDG			
ATIS		124.6									



