



Printed: 6/19/2013

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Regional Aviation System Plan Airport Development Worksheet AIRPORT DESCRIPTION



Airport: HOUSTON-SOUTHWEST

Airport ID: AXH

Associated City: HOUSTON

CITY POP: 1,953,631

FAA SITE #: 24067.6*A

County: FORT BEND

NPIAS SITE #: 48-0294

Design Criteria

<i>Time Period:</i>	<i>Current</i>	<i>0-5</i>	<i>6-10</i>	<i>11-20</i>
Design Standards:	B-II	B-II	B-II	B-II
Runway Type:	NP			
Aircraft Size:	L			
State Role:	RL			
Federal Role:	RL			

Airport

Airport Status: Yes

Airport Functional Category: MULTI

Sponsor

Sponsor: PRIVATE

Publicly Owned: No

Economic

Economic Development Impact: \$13,129,000

Primary Runaway

Approach Rwy: 9

Approach Type: LOC/DME

Wind Coverage (%): 0

Zoning

Height Hazard Zoning Date: 5/26/1993

Planning

Airport Master Plan Date:

Airport Layout Plan Date: 11/26/2003

Legislative Districts

State Rep: 27

State Senator: 17

U.S. Rep: 22



Based Aircraft Forecast

<i>Aircraft Type</i>	<i>2010</i>	<i>2015</i>	<i>2020</i>	<i>2030</i>
Single-Engine	114	122	133	162
Multi-Engine	24	25	25	26
Jet	0	0	3	5
Rotorcraft	2	3	3	5
Other	0	0	1	2
Total	140	150	165	200

Annual Activity Operations Forecast

<i>Activity Type</i>	<i>2010</i>	<i>2015</i>	<i>2020</i>	<i>2030</i>
Air Carrier	0	0	0	0
Air Taxi	200	200	200	200
Military	900	900	900	900
General Aviation	45300	54500	60900	74500
Total	46400	55600	62000	75500

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DEVELOPMENT BY TIME PERIOD

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Airport ID #	Project Description	Time Period:	00-05	Project Cost	Project Purpose	Project Component	Project Type	Project Number	Item Status*	Source
AXH-1	Construct Southside Corporate Apron (150x600)			697,832	CA	AP	CO	1212HOUSW	A	TXDOT
AXH-2	Contingency, Admin. fees, RPR, etc.			178,500	CA	AP	CO	1212HOUSW	A	TXDOT
AXH-3	Reconstruct /expand new terminal parking apron			663,157	CA	AP	EX		U	TXDOT
AXH-4	Contingency, RPR, etc.			142,106	RE	AP	IM		U	TXDOT
AXH-5	Engineering/design for terminal, apron, west entrance r			108,000	RE	AP	IM		U	TXDOT
AXH-6	Construct perimeter security fencing and 3 controlled g			365,000	ST	EQ	SE	0912HOUSW	A	TXDOT
AXH-7	Construct Southside Perimeter Access Road (east end 2			489,764	OT	GT	AC	2011-0002	P	TXDOT
AXH-8	Construct Southside Perimeter Access Road(west end 2			428,990	OT	GT	AC		U	TXDOT
AXH-9	Construct/light 2 helipads			270,000	CA	HE	CO		U	TXDOT
AXH-10	Acquire Property for OFA and S. Parallel TXWY			538,362	ST	LA	DV	1212HOUSW	A	TXDOT
AXH-11	Acquire land for east RW extension			2,000,000	ST	LA	SZ		U	TXDOT
AXH-12	Acquire property to improve OFA and RSA safety and dr			1,000,000	ST	LA	SZ	0912HOUSW	A	TXDOT
AXH-13	Land reimbursement			580,526	ST	NA	CO	0712HOUSW	A	TXDOT
AXH-14	Install segmented circle & lighted windcone			58,000	ST	OT	IN	1212HOUSW	A	TXDOT
AXH-15	Construct Southside Detention Pond "A"			450,000	ST	OT	IM	0912HOUSW	A	TXDOT
AXH-16	Airfield drainage improvement study			30,000	ST	OT	IM	0712HOUSW	A	TXDOT
AXH-17	Purchase & demolish mid-field hangar (obstruction) # 1			650,000	ST	OT	OB		U	TXDOT
AXH-18	Purchase/demolish mid-field hangar (north side obstruc			1	ST	OT	OB		U	TXDOT
AXH-19	Acquire/demolish 4 north side hangars			1	ST	OT	OB		U	TXDOT
AXH-20	Update Airport Layout Plan			100,000	PL	PL	MA	0712HOUSW	A	TXDOT
AXH-21	Construct/ extend RW 9-27 450 ft. to west, displace thr			450,000	CA	RW	EX		U	TXDOT
AXH-22	Concrete overlay for existing RW 9-27			2,720,000	RE	RW	IM		U	TXDOT
AXH-23	Mark RW 9-27 (36,997 sf)			36,997	RE	RW	IM		U	TXDOT
AXH-24	Construct East Access Road off McKeever (1320 lf)			344,400	ST	RW	SF	1212HOUSW	A	TXDOT
AXH-25	Construct West Access Road off Steep Bank Trace (1400			238,000	ST	RW	SF	1212HOUSW	A	TXDOT
AXH-26	Improve RSA on RW ends (150 x 300)			115,200	ST	RW	SF		U	TXDOT
AXH-27	Remove power pole obstruction RW 27 end			53,000	ST	RW	SF	0912HOUSW	A	TXDOT
AXH-28	Engineering/design FY 08 construction			2,350,000	ST	RW	IM	0712HOUSW	A	TXDOT

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Airport ID #	Project Description	Time Period:	00-05	Project Cost	Project Purpose	Project Component	Project Type	Project Number	Item Status*	Source
AXH-29	Construct/extend RW/TW 950 east (includes culverts at			2,105,263	ST	RW	IM		U	TXDOT
AXH-30	Acquire 2 T-hangars at west end for future south paralle			1,273,682	ST	RW	IM	2014-0001	P	TXDOT
AXH-31	Engineering/design FY 09			265,000	ST	RW	IM	0712HOUSW	A	TXDOT
AXH-32	Construct new northside hangar access TW			288,000	CA	TW	CO	0912HOUSW	A	TXDOT
AXH-33	Construct Southside Hangar Access TW 350x35			208,064	CA	TW	CO	1212HOUSW	A	TXDOT
AXH-34	Contingency for 0912HOUSW			107,158	CA	TW	CO	0912HOUSW	A	TXDOT
AXH-35	Contingency, admin., RPR, etc.			265,000	RE	TW	IM		U	TXDOT
AXH-36	Rehabilitate & mark TWs (7000 x 50)			233,334	RE	TW	IM		U	TXDOT
AXH-37	Engineering/design for modifications to north parallel T			157,894	RE	TW	IM		U	TXDOT
AXH-38	Construct new parallel TW on south side (2500 x 35)			1,052,631	ST	TW	CO	2014-0001	P	TXDOT
AXH-39	Engineering fees southside parallel TW (NPE)			236,843	ST	TW	CO		U	TXDOT
AXH-40	Engineer, Design and Construct South Parallel TXWY (Ph			2,263,158	ST	TW	CO	2013-0001	P	TXDOT
AXH-41	Acquire Property for OFA and S. Parallel TXWY (Phase 2)			720,762	ST	LA	SZ	2011-0002	P	TXDOT

Time Period: 00-05 **Total Cost: \$24,234,625

Airport ID #	Project Description	Time Period:	06-10	Project Cost	Project Purpose	Project Component	Project Type	Project Number	Item Status*	Source
AXH-42	Construct apron (35,000 sy)			3,150,000	ST	AP	CO		U	TXDOT
AXH-43	Construct ATCT			2,000,000	ST	BD	MS		U	TXDOT
AXH-44	Rehabilitate RW 9-27 (5000 x 100)			333,336	RE	RW	IM		U	TXDOT
AXH-45	Mark RW 9-27 (44,000 sf)			44,000	RE	RW	IM		U	TXDOT
AXH-46	Extend RW & TW (950 x 100) 27 end			2,250,000	ST	RW	IM		U	TXDOT
AXH-47	Construct terminal building			1,050,000	ST	TE	CO		U	TXDOT
AXH-48	Engineering/arch fees.			150,000	ST	TE	CO		U	TXDOT
AXH-49	Rehabilitate & mark TWs (7000 x 50)			233,328	RE	TW	IM		U	TXDOT
AXH-50	Construct parallel TW (40,000 sy)			3,600,000	ST	TW	CO		U	TXDOT

Time Period: 06-10 **Total Cost: \$12,810,664

Airport ID #	Project Description	Time Period:	11-20	Project Cost	Project Purpose	Project Component	Project Type	Project Number	Item Status*	Source
AXH-51	Rehabilitate apron (35,000 sy)			210,000	RE	AP	IM		U	TXDOT

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Airport ID #	Project Description	Time Period:	11-20	Project Cost	Project Purpose	Project Component	Project Type	Project Number	Item Status*	Source
AXH-52	Rehabilitate RW 9-27 (5000 x 100)			333,336	RE	RW	IM		U	TXDOT
AXH-53	Mark RW 9-27 (44,000 sf)			44,000	RE	RW	IM		U	TXDOT
AXH-54	Rehabilitate and mark TWs (80,000 sy)			480,000	RE	TW	IM		U	TXDOT
AXH-301	Construct Hangars			4,400,000	ST	BD	MS		U	RASP

Time Period: 11-20 **Total Cost: \$5,467,336

Time Period: 0-20 **Total Cost: \$42,512,625