



# Regional Aviation System Plan Airport Development Worksheet

## AIRPORT DESCRIPTION



Printed: 6/19/2013

Revised: 6/19/2013

**Airport:** WEST HOUSTON

**Airport ID:** IWS

**Associated City:** HOUSTON

**CITY POP:** 1,953,631

**FAA SITE #:** 24068.2\*A

**County:** HARRIS

**NPIAS SITE #:** 48-0275

**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:	S			
State Role:	RL			
Federal Role:	RL			

**Airport** \_\_\_\_\_

Airport Status: Yes

Airport Functional Category: RELIEVER

**Sponsor** \_\_\_\_\_

Sponsor: PRIVATE

Publicly Owned: No

**Economic** \_\_\_\_\_

Economic Development Impact: \$16,973,000

**Primary Runaway** \_\_\_\_\_

Approach Rwy: 15

Approach Type: NDB

Wind Coverage (%): 94

**Zoning** \_\_\_\_\_

Height Hazard Zoning Date:

**Planning** \_\_\_\_\_

Airport Master Plan Date:

Airport Layout Plan Date: 7/1/1978

**Legislative Districts** \_\_\_\_\_

State Rep: 132

State Senator: 17

U.S. Rep: 7



**Based Aircraft Forecast**

<i>Aircraft Type</i>	<i>2010</i>	<i>2015</i>	<i>2020</i>	<i>2030</i>
Single-Engine	277	289	310	362
Multi-Engine	27	27	27	27
Jet	6	9	11	16
Rotorcraft	6	9	10	14
Other	0	0	0	0
<b>Total</b>	<b>316</b>	<b>334</b>	<b>358</b>	<b>419</b>

**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	1000	1000	1000	1000
Military	0	0	0	0
General Aviation	102000	114100	123800	141500
<b>Total</b>	<b>103000</b>	<b>115100</b>	<b>124800</b>	<b>142500</b>

# Regional Aviation System Plan Airport Development Worksheet DEVELOPMENT BY TIME PERIOD

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\*\*Totals Only Include Items with Status Code = U, D, or C

Airport ID #	Project Description	Time Period:	00-05	Project Cost	Project Purpose	Project Component	Project Type	Project Number	Item Status*	Source
IWS-1	Rehabilitate & mark apron & access TW (66,700 sy)			241,500	RE	AP	IM		U	TXDOT
IWS-2	Construct large maintenance hangar westside of airport			999,999	ST	BD	MS		U	TXDOT
IWS-3	Relocate westside fence			9,999	ST	EQ	SE		U	TXDOT
IWS-4	Install AWOS			150,000	ST	EQ	WX		U	TXDOT
IWS-5	Seal coat terminal auto parking area			9,999	OT	OT	PA		U	TXDOT
IWS-6	Chip seal eastside auto parking area			9,999	OT	OT	PA		U	TXDOT
IWS-7	Airport Planning Studies			456,933	PL	PL	MS	0912WTHOU	A	TXDOT
IWS-8	Overlay RW 15-33 (3950 x 75)			423,500	RE	RW	IM		U	TXDOT
IWS-9	Mark RW 15-33 (28,800 sf)			28,800	RE	RW	IM		U	TXDOT
IWS-10	Overlay and mark TW to RW 15-33 (4800 x 40)			274,100	RE	TW	IM		U	TXDOT
IWS-11	Seal joints in concrete TWs & apron (66,000 lf)			132,000	RE	TW	IM		U	TXDOT
IWS-12	Construct new taxiway			99,999	ST	TW	CO		U	TXDOT
IWS-13	Replace underground Avgas fuel tanks with above grou			100,000	OT	OT	FF		U	TXDOT

**Time Period: 00-05    \*\*Total Cost: \$2,936,828**

Airport ID #	Project Description	Time Period:	06-10	Project Cost	Project Purpose	Project Component	Project Type	Project Number	Item Status*	Source
IWS-14	Rehabilitate & mark apron & TWs (132,700 sy)			796,200	RE	AP	IM		U	TXDOT
IWS-15	Rehabilitate RW 15-33 (4000 x 75)			199,998	RE	RW	IM		U	TXDOT
IWS-16	Mark RW 15-33 (28,800 sf)			28,800	RE	RW	IM		U	TXDOT
IWS-17	Rehabilitate TW to RW 15-33 (4800 x 40)			127,998	RE	TW	IM		U	TXDOT
IWS-18	Replace existing underground Jet fuel storage tanks			100,000	OT	OT	FF		U	TXDOT
IWS-201	Expand Apron			340,000	CA	AP	EX		U	RASP

**Time Period: 06-10    \*\*Total Cost: \$1,592,996**

Airport ID #	Project Description	Time Period:	11-20	Project Cost	Project Purpose	Project Component	Project Type	Project Number	Item Status*	Source
IWS-19	Rehabilitate & mark apron & TWs (114,700 sy)			688,200	RE	AP	IM		U	TXDOT
IWS-20	Seal joints in concrete apron (18,000 lf)			36,000	RE	AP	IM		U	TXDOT
IWS-21	Rehabilitate RW 15-33 (4000 x 75)			199,998	RE	RW	IM		U	TXDOT
IWS-22	Mark RW 15-33 (28,800 sf)			28,800	RE	RW	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
IWS-23	Rehabilitate TW to RW 15-33 (4800 x 40)			127,998	RE	TW	IM		U	TXDOT
<b>Time Period:</b>	<b>11-20</b>			<b>**Total Cost:</b>	<b>\$1,080,996</b>					
<b>Time Period:</b>	<b>0-20</b>			<b>**Total Cost:</b>	<b>\$5,610,820</b>					