



Regional Aviation System Plan Airport Development Worksheet

AIRPORT DESCRIPTION



Printed: 6/19/2013

Revised: 6/19/2013

Airport: TEXAS GULF COAST RGNL

Airport ID: LBX

Associated City: ANGLETON/LAKE JACKSON

CITY POP: 18,130

FAA SITE #: 23337.22*A

County: BRAZORIA

NPIAS SITE #: 48-0238

Design Criteria

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

Airport

Airport Status: Yes

Airport Functional Category: RELIEVER

Sponsor

Sponsor: COUNTY

Publicly Owned: Yes

Economic

Economic Development Impact: \$30,697,000

Primary Runaway

Approach Rwy: 17

Approach Type: ILS

Wind Coverage (%): 97

Zoning

Height Hazard Zoning Date: 5/24/1979

Planning

Airport Master Plan Date: 11/1/2003

Airport Layout Plan Date: 9/15/2005

Legislative Districts

State Rep: 25

State Senator: 11

U.S. Rep: 14



Based Aircraft Forecast

<i>Aircraft Type</i>	<i>2010</i>	<i>2015</i>	<i>2020</i>	<i>2030</i>
Single-Engine	71	71	76	87
Multi-Engine	16	16	15	15
Jet	2	3	3	5
Rotorcraft	10	13	15	20
Other	0	0	1	1
Total	99	103	110	128

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	1500	1500	1500	1500
Military	300	300	300	300
General Aviation	58200	66600	72300	84700
Total	60000	68400	74100	86500

Regional Aviation System Plan Airport Development Worksheet 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
LBX-1	Contingency, admin. fees, RPR, etc.			430,000	CA	AP	CO		U	TXDOT
LBX-2	Install REILs RW 17			100,000	ST	RW	VI		U	TXDOT
LBX-3	Relocate segmented circle/windcone			15,000	ST	OT	IN		U	TXDOT
LBX-4	Install PAPI-4 RW 17-35			80,000	ST	RW	VI	0912ANGLE	A	TXDOT
LBX-5	Construct New Terminal Building (NPE)			1,111,110	ST	TE	CO	12TBANGLE	A	TXDOT
LBX-6	Engineering/design for terminal area aprons			230,000	CA	AP	EX		U	TXDOT
LBX-7	Construct hangar access TW/ apron (2200 sy) concrete			150,000	CA	TW	CO		U	TXDOT
LBX-8	Rehab T/W A (7000 x 50)			233,328	RE	TW	IM		U	TXDOT
LBX-9	Rehabilitate T-hangar access TW (550 X 50)			229,200	RE	TW	IM		U	TXDOT
LBX-10	Install Thermoplastic coal tar emulsion slurry seal to TW			174,650	RE	TW	IM	0912ANGLE	A	TXDOT
LBX-11	Rehab T/W J (325 x 50)			10,830	RE	TW	IM		U	TXDOT
LBX-12	Rehab T/W C (325 x 50)			10,830	RE	TW	IM		U	TXDOT
LBX-13	Rehab T/W G (325 x 50)			10,830	RE	TW	IM		U	TXDOT
LBX-14	Airport Master Plan Update			180,000	PL	PL	MA	09MPANGLE	C	TXDOT
LBX-15	Rehab T/W E (325 x 50)			10,830	RE	TW	IM		U	TXDOT
LBX-16	Rehab T/W F (325 x 50)			10,830	RE	TW	IM		U	TXDOT
LBX-17	Rehab T/W B (325 x 50)			10,830	RE	TW	IM		U	TXDOT
LBX-18	Mill/overlay middle apron (570 x 120)			235,600	RE	AP	IM		U	TXDOT
LBX-19	Construct angled south TW (600 X 50)			299,970	ST	TW	CO		U	TXDOT
LBX-20	Construct angled north TW (600 X 50)			299,970	ST	TW	CO		U	TXDOT
LBX-21	Mark RW 17-35 (10,700 sf)			107,000	RE	RW	IM	0912ANGLE	A	TXDOT
LBX-22	RAMP: GRADING/DRAINAGE, Sponsor to contract for dr			100,000	OT	OT	CO	M112ANGLE	A	TXDOT
LBX-23	RAMP: PAVEMENTS-Sponsor to contract for pavement			100,000	OT	OT	CO		U	TXDOT
LBX-26	Conduct master drainage study			100,000	PL	PL	MS		U	TXDOT
LBX-31	Rehabilitate apron (29,000 sy)			174,000	RE	AP	IM		U	TXDOT
LBX-32	Expand terminal apron for the new terminal building (2			451,375	CA	AP	EX		U	TXDOT
LBX-38	Wildlife Hazard Assessment Study (D)			25,000	PL	PL	MS	1212ANGLE	A	TXDOT
LBX-44	Rehabilitate apron (20,400 sy)			122,400	RE	AP	IM		U	TXDOT

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Airport ID #	Project Description	Time Period:	06-10	Project Cost	Project Purpose	Project Component	Project Type	Project Number	Item Status*	Source
Time Period: 06-10		**Total Cost:		\$2,271,134						

Airport ID #	Project Description	Time Period:	11-20	Project Cost	Project Purpose	Project Component	Project Type	Project Number	Item Status*	Source
LBX-39	Expand corporate apron (6178 sy)			556,020	CA	AP	CO		U	TXDOT
LBX-40	Seal all asphalt pavement and remark (183,700 sy)			1,102,200	RE	AP	IM		U	TXDOT
LBX-41	Rehabilitate apron (49,400 sy)			296,400	RE	AP	IM		U	TXDOT
LBX-42	Construct corporate access road			72,000	OT	GT	AC		U	TXDOT
LBX-43	Expand auto parking (4 spaces)(300 sy)			15,000	OT	OT	PA		U	TXDOT
LBX-45	Rehabilitate RW 17-35 (7000 x 100)			466,668	RE	RW	IM		U	TXDOT
LBX-46	Mark RW 17-35 (97,300 sf)			97,300	RE	RW	IM		U	TXDOT
LBX-47	Rehabilitate parallel TW (8800 x 50)			293,334	RE	TW	IM		U	TXDOT
LBX-48	Rehabilitate T-hangar access TW (550 X 50)			229,200	RE	TW	IM		U	TXDOT
LBX-50	Rehabilitate angled TWs (6667 sy)			40,002	RE	TW	IM		U	TXDOT
LBX-51	Rehabilitate angled TWs (6667 sy)			40,002	RE	TW	IM		U	TXDOT
LBX-52	Rehabilitate T-hangar access TWs (967 x 50)			32,232	RE	TW	IM		U	TXDOT
LBX-301	Construct Apron			340,000	CA	AP	CO		U	RASP
LBX-302	Construct Hangars			1,100,000	ST	BD	MS		U	RASP
LBX-303	Construct Terminal Buildings			500,000	CA	TE	CO		U	RASP

Time Period: 11-20		**Total Cost:		\$5,180,358						
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Time Period: 0-20		**Total Cost:		\$26,356,937						
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