



FACILITY COST

ITEM	DESCRIPTION	COST
I-A	BUILDINGS, BUILDING ALTERATIONS, ETC.	10,812,200
I-B	BUILDINGS REMOVABLE	3,708,197
II	LEASEHOLD IMPROVEMENTS	6,256,434
III	MACHINERY, EQUIPMENT, ETC.	3,871,708
IV	PORTABLE TOOLS & HANDLING EQUIPMENT	1,039,900
	TOTAL	<u>25,688,439</u>

Convair
B-36 MODIFICATION FACILITY PROPOSAL
 Greater International Airport
 Fort Worth, Texas.
 62 SHIP CAPACITY

COMPASS - ROSE

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PROJECT PLANNING
FT. WORTH INTL. FACILITY

FACILITY COST BREAKDOWN

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>COST</u> <u>62 SHIP</u> <u>CAPACITY</u>
I A	<u>PRESENT BUILDINGS, INCLUDING ALTERATIONS, ETC.</u>	
1.	<u>NEW BUILDINGS:</u> Based on cost of all manufacturing, office and warehouse buildings @12.00 sq. ft. of surface area.	10,587,200
2.	<u>REHABILITATE BLDGS:</u> Not required.	NONE
3.	<u>BUILDING REMOVALS:</u> Not required.	NONE
4.	<u>REHABILITATE AND/OR EQUIP CAFETERIA:</u> Estimated equipment for operation	50,000
5.	<u>PARKING FACILITIES:</u> Based on cost of asphaltting surface area and roads required at \$0.28 sq. ft. Requirements of 400,000 sq. ft. of parking area and 117,817 sq. ft. of roads equals total cost	145,000
6.	<u>TOILET & CLOCK HOUSES:</u> Simple corrugated type of outdoor sheds for toilets and time clocks at \$15,000 each.	30,000
TOTAL COST ITEM IA		\$10,812,200

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PROJECT PLANNING
FT. WORTH INTL. FACILITY

FACILITY COST BREAKDOWN

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>COST</u> <u>62 SHIP</u> <u>CAPACITY</u>
I B	<u>BUILDINGS, ETC. (REMOVABLE)</u>	
1.	<u>LINE SHEDS & MFG. AIDS:</u> Provide 100' x 150' truss and cantilever type sheds of corrugated sheeting. Unit cost of \$84,500 based on 15,000 sq. ft. @ \$5.30 sq. ft. - \$79,500 plus \$5,000 each for stands, ladders, etc. 33 required	2,788,500
2.	<u>LINE DOCKS & MFG. AIDS:</u> Based on San Diego cost experience of \$1,450,000 for 19 stations. Unit cost of \$76,316 includes all stands, ladders, etc. Required in addition to docks (19) from San Diego. Two required	152,632
3.	<u>DISMANTLE AND REBUILD DOCKS & MFG. AIDS FROM SAN DIEGO:</u> Nineteen sets of docks and mfg. aids to be available from San Diego. Cost based on 2000 hrs. each for dismantling and 8000 hours each for reassembling @ \$1.75 hr. Unit cost \$14,100. 19 required	267,900
4.	<u>BUILD TEMPERATURE CONTROL DOCKS FOR PROSEAL:</u> Based on Fort Worth cost of basic dock construction @ \$48,000 each. Insulation and heating and cooling control is estimated @ \$50,000 each. Unit cost is \$98,000. 5 required	490,000
5.	<u>TEMPERATURE CONTROL EXISTING DOCKS OR WORK STATIONS:</u> Not required.	NONE
6.	<u>FENCE AREA:</u> Fencing of area around land to be used for expansion @ \$1.95 sq. ft.	9,165

TOTAL COST ITEM I B \$ 3,708,197

FACILITY COST BREAKDOWN

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>COST</u> <u>62 SHIP</u> <u>CAPACITY</u>
II	<u>LEASEHOLD IMPROVEMENTS:</u>	
1.	<u>NEW PAVING:</u> Based on cost of \$1.00 sq. ft. for 18" reinforced concrete in all engine run & taxi areas, and \$0.78 sq. ft. for 12" reinforced concrete in all other paved areas. Fort Worth experience of maintenance costs for existing unreinforced concrete determined requirements. 2,261,500 sq. ft. @\$1.00 sq. ft. & 4,510,171 @ \$0.78 sq. ft.	5,779,434
2.	<u>COMPASS ROSE & TURNTABLE:</u> Based on cost of Fort Worth expansion type construction of 24" unreinforced sections in center to 12" at edge and cost of present turntable.	42,000
3.	<u>GUN BUTT:</u> Based on complete cost of Fort Worth unit including construction, fills, sand, lumber, and asphalt road	100,000
4.	<u>LINE FACILITIES:</u> Air and electrical facilities for sheds, line docks, and mfg. aids @ \$5,000 per station. Includes 110, 220, and 440 volts, 400 cycle and air lines. 62 required.	310,000
5.	<u>LAND PURCHASE FOR EXPANSION:</u> Estimated cost of additional land required for expansion of flight line past present boundary lines.	25,000
	TOTAL COST ITEM II	\$6,256,434

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MODIFICATION FACILITYFACILITY COST BREAKDOWN62 SHIP CAPACITY

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>ESTIMATED COST</u>
III	<u>MACHINERY, EQUIPMENT, ETC.</u>	
1.	<u>LINE CAPITAL EQUIPMENT:</u> See Inclosure (A)	\$ 1,011,805
2.	<u>TOOL ROOM EQUIPMENT:</u> See Inclosure (B)	472,150
3.	<u>SHEET METAL, DROP HAMMER, PLASTER AND FOUNDRY SHOP:</u> See Inclosure (C)	444,680
4.	<u>MACHINE SHOP:</u> See Inclosure (D)	398,576
5.	<u>PROCESSING & PAINT SHOPS:</u> See Inclosure (E)	163,580
6.	<u>METAL BENCH & SPOT WELD:</u> See Inclosure (F)	71,307
7.	<u>OFFICE EQUIPMENT & MACHINES:</u> This estimate is calculated on total 5300 indirect personnel at peak. Estimated cost of equipment and machines @ \$225 per employee.	1,192,500
8.	<u>MISC. BENCHES & PRODUCTION FACILITES:</u> This item is for work benches, special tables required by major and sub-assembly depts.	19,860
9.	<u>RECEIVING & TESTING EQUIPMENT:</u> This was estimated from San Diego requirements and covers establishing a receiving area.	25,000
10.	<u>MAINTENANCE SHOP & EQUIPMENT:</u> See Inclosure (G)	176,250
11.	<u>MISC. STOCK RACKS & MATERIAL STORAGE EQUIP.</u>	<u>92,000</u>
	TOTAL - ITEM III	\$ 3,871,708

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FACILITY COST BREAKDOWN62 SHIP CAPACITY

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>Estimated Cost</u>
IV.	<u>PORTABLE TOOLS & HANDLING EQUIPMENT:</u>	
1.	<u>LINE CAPITAL EQUIPMENT:</u> See Inclosure (A)	\$ 61,400
2.	<u>SHEET METAL, DROP HAMMER, PLASTER AND FOUNDRY SHOP:</u> See Inclosure (C)	\$ 130
3.	<u>METAL BENCH & SPOT WELD:</u> See Inclosure (F)	\$ 3,200
4.	<u>PORTABLE TOOLS:</u> This estimate was established by ratio of tools to each direct employee as presently used on B-36 work at the San Diego Division. Total personnel at peak used as 10,620.	\$ 445,170
5.	<u>INTER-PLANT TRANSPORTATION & STORAGE:</u> This estimate is for trailers, loaders, tubs, bicycles, scooters and tractors required for handling material within the plant area.	\$ 350,000
6.	<u>OUTER PLANT TRANSPORTATION:</u> This estimate is for trucks, cars, trailers, etc., necessary for the facility and estimated from San Diego requirements.	\$ 140,000
7.	<u>MAINTENANCE SHOP & EQUIPMENT:</u> See Inclosure (G).	\$ 40,000
	TOTAL ITEM IV.....	\$1,039,900

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PROJECT PLANNING

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FACILITY COST SUMMARY

FT. WORTH INTL. FACILITY

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>COST</u> <u>62 SHIP</u> <u>CAPACITY</u>
I .A	<u>PRESENT BUILDINGS, INCLUDING ALTERATIONS, ETC:</u>	
1.	<u>NEW BUILDINGS:</u>	\$10,587,200
2.	<u>REHABILITATE BLDGS:</u>	None
3.	<u>BUILDING REMOVALS:</u>	None
4.	<u>REHABILITATE AND/OR EQUIP CAFETERIA:</u>	50,000
5.	<u>PARKING FACILITIES:</u>	145,000
6.	<u>TOILET & CLOCK HOUSES:</u>	30,000
	TOTAL FOR ITEM IA.....	\$10,812,200
I B	<u>BUILDINGS, ETC. (REMOVABLE)</u>	
1.	<u>LINE SHEDS AND MFG. AIDS:</u>	2,788,500
2.	<u>LINE DOCKS & MFG. AIDS:</u>	152,632
3.	<u>DISMANTLE AND REBUILD DOCKS & MFG. AIDS</u> <u>FROM SAN DIEGO</u>	267,900
4.	<u>BUILD TEMPERATURE CONTROL DOCKS FOR PROSEAL:</u>	490,000
5.	<u>TEMPERATURE CONTROL EXISTING DOCKS OR WORK STATIONS:</u>	None
6.	<u>FENCE AREA:</u>	9,165
	TOTAL FOR ITEM IB.....	\$ 3,708,197
II.	<u>LEASEHOLD IMPROVEMENTS:</u>	
1.	<u>NEW PAVING:</u>	5,779,434
2.	<u>COMPASS ROSE & TURNTABLE:</u>	42,000
3.	<u>GUN BUTT:</u>	100,000
4.	<u>LINE FACILITIES:</u>	310,000
5.	<u>LAND PURCHASE FOR EXPANSION:</u>	25,000
	TOTAL FOR ITEM II.....	\$ 6,256,434
III.	<u>MACHINERY, EQUIPMENT, ETC:.....</u>	\$ 3,871,708
IV.	<u>PORTABLE TOOLS & HANDLING EQUIPMENT.....</u>	\$ 1,039,900
	TOTAL FOR FACILITY.....	\$25,688,439