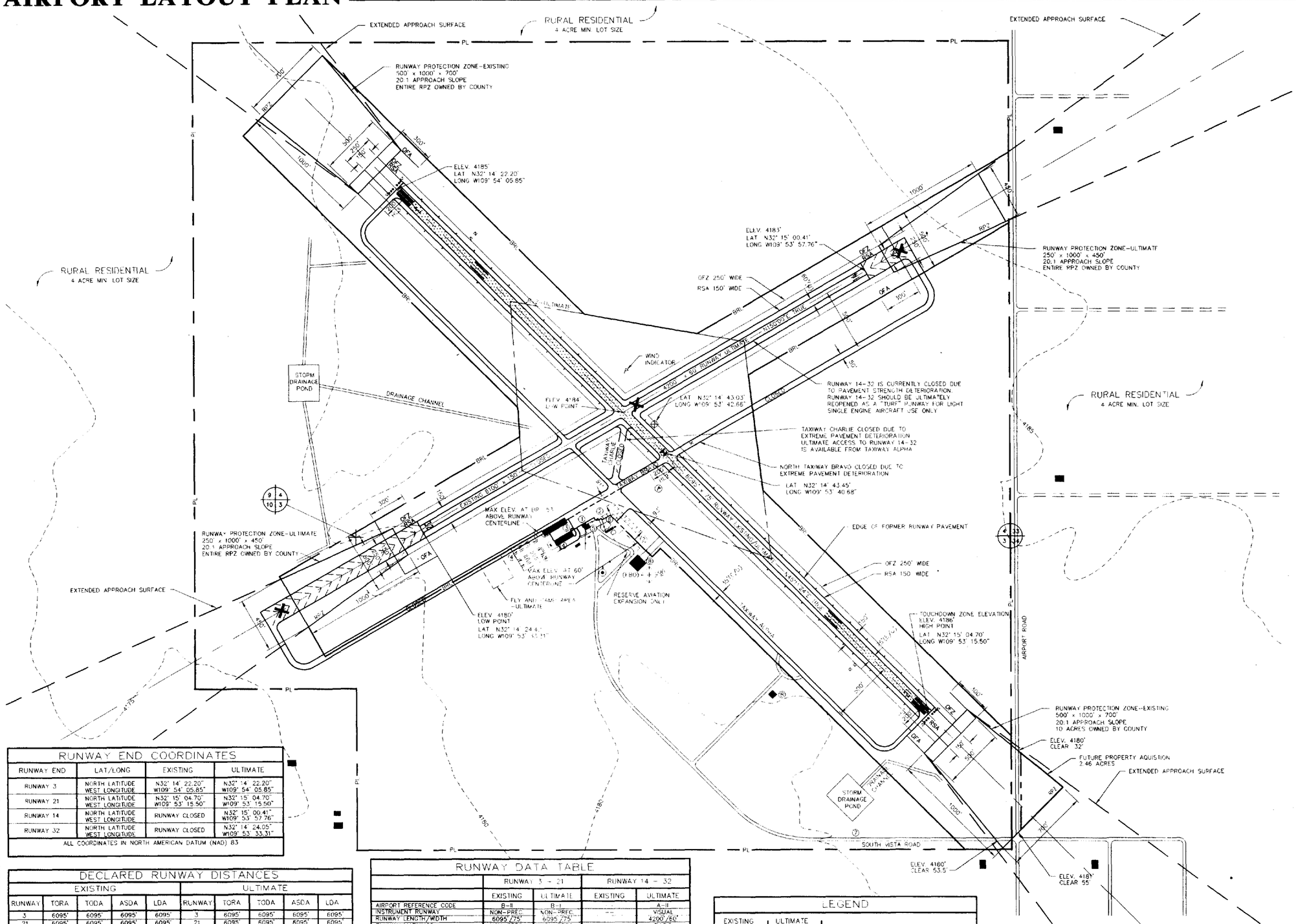
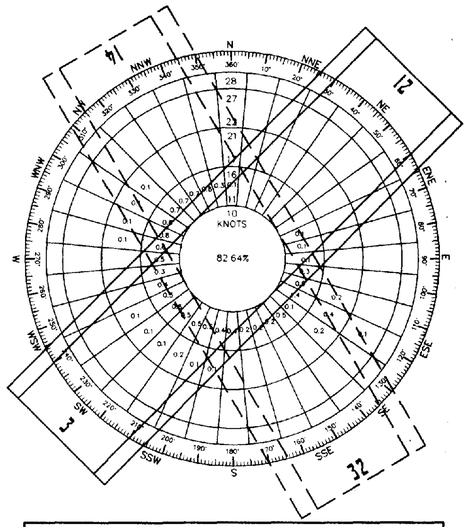
AIRPORT LAYOUT PLAN





WIND ROSE ANALYSIS		
RWY. ALIGNMENT	WIND VELOCITY	WIND COVERAGE
3 - 21	10.5 KNOTS-12 MPH	89.20%
3 - 21	13.0 KNOTS-15 MPH	93.74%
3 - 21	16.0 KNOTS-18 MPH	98.41%
14 - 32	10.5 KNOTS-12 MPH	94.29%
14 - 32	13.0 KNOTS-15 MPH	97.09%
3 - 21/14 - 32	10.5 KNOTS-12 MPH	98.45% COMBINED
3 - 21/14 - 32	13.0 KNOTS-15 MPH	99.68% COMBINED
0-3 KNOTS = 7.9% 4-10.5 KNOTS = 74.74%	SOURCE: TUSCON INTERNATIONAL AIRPORT WEATHER REPORTING STATION 87,648 OBSERVATIONS 1986 - 1995	

AIRPORT DATA TABLE			
		EXISTING	ULTIMATE
AIRPORT REFERENCE POINT COORDINATES	NORTH LATITUDE	32° 14' 43.45"	32° 14' 43.03"
	WEST LONGITUDE	109° 53' 40.68"	109° 53' 42.66"
MEAN MAXIMUM TEMPERATURE FAHRENHEIT		95° F	95° F
AIRPORT ELEVATION - MEAN SEA LEVEL		4186'	4186'
AIRPORT AND TERMINAL NAVIGATIONAL AIDS		ROT BEACON/GPS	ROT BEACON/GPS
AIRPORT REFERENCE CODE (ARC)		B-II	B-II
DESIGN AIRCRAFT		KING AIR	KING AIR
AIRCRAFT APPROACH CATEGORY		B	B
AIRPLANE DESIGN GROUP		II	II
GPS APPROACH AVAILABLE		YES	YES
ALL COORDINATES REFLECT NORTH AMERICAN DATUM (NAD) 83			

MAGNETIC DECLINATION 11.61°
OR 11° 36' 30" W (5-25-1996)
TRUE NORTH
RATE OF CHANGE .014 EASTERLY

0 400 800 1200
1" = 400'
SCALE IN FEET

RUNWAY END COORDINATES			
RUNWAY END	LAT/LONG	EXISTING	ULTIMATE
RUNWAY 3	NORTH LATITUDE WEST LONGITUDE	N32° 14' 22.20" W109° 54' 05.85"	N32° 14' 22.20" W109° 54' 05.85"
RUNWAY 21	NORTH LATITUDE WEST LONGITUDE	N32° 15' 04.70" W109° 53' 15.50"	N32° 15' 04.70" W109° 53' 15.50"
RUNWAY 14	NORTH LATITUDE WEST LONGITUDE	RUNWAY CLOSED	N32° 15' 00.41" W109° 53' 57.76"
RUNWAY 32	NORTH LATITUDE WEST LONGITUDE	RUNWAY CLOSED	N32° 14' 24.05" W109° 53' 33.31"
ALL COORDINATES IN NORTH AMERICAN DATUM (NAD) 83			

DECLARED RUNWAY DISTANCES									
EXISTING					ULTIMATE				
RUNWAY	TORA	TODA	ASDA	LDA	RUNWAY	TORA	TODA	ASDA	LDA
3	6095'	6095'	6095'	6095'	3	6095'	6095'	6095'	6095'
21	6095'	6095'	6095'	6095'	21	6095'	6095'	6095'	6095'
-	--	--	--	--	14	4200'	4200'	4200'	4200'
-	--	--	--	--	32	4200'	4200'	4200'	4200'

APPROACH SLOPE DATA				
EXISTING				
RUNWAY	INNER WIDTH	OUTER WIDTH	LENGTH	APPROACH DATA
3	500'	2000'	5,000'	VISUAL
21	500'	2000'	5,000'	VIS. MIN. ≥ 1 MILE
-	--	--	--	--
-	--	--	--	--
ULTIMATE				
RUNWAY	INNER WIDTH	OUTER WIDTH	LENGTH	APPROACH DATA
3	500'	2000'	5,000'	VISUAL
21	500'	2000'	5,000'	VIS. MIN. ≥ 1 MILE
14	250'	1250'	5,000'	VISUAL
32	250'	1250'	5,000'	VISUAL

SOURCE: RUNWAY PROTECTION ZONE DIMENSIONS - FAA ADVISORY CIRCULAR 150/5300-13, CHANGE #5.
SOURCE: RUNWAY APPROACH SLOPE / SURFACE - FAA FAR PART 77

RUNWAY DATA TABLE				
	RUNWAY 3 - 21		RUNWAY 14 - 32	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE
AIRPORT REFERENCE CODE	B-II	B-II	--	A-II
INSTRUMENT RUNWAY	NON-PREC.	NON-PREC.	--	VISUAL
RUNWAY LENGTH/WIDTH	6095'/75'	6095'/75'	CLOSED	4200'/60'
RUNWAY MARKINGS	NON-PREC.	NON-PREC.		BASIC
RUNWAY LIGHTING	MIRL	MIRL		NONE
NAVIGATIONAL AIDS	GPS	GPS		NONE
VISUAL APPROACH AIDS	ROT. BEACON /MIRLS	ROT. BEACON/MIRLS /REILS/PAPI(4)		NONE
APPROACH SURFACE SLOPE	20:1	20:1		20:1
EFFECTIVE RUNWAY GRADIENT (%)	.016	.016		.07
RUNWAY PAVEMENT MATERIAL	ASPH.	ASPH.	ASPH.	TURF
PAVEMENT STRENGTH (000)	50 (SWG)	50 (SWG)		TURF
TAXIWAY PAVEMENT MATERIAL	GRAVEL	ASPH.	CLOSED/GRAVEL	CLOSED/GRAVEL
RUNWAY WIND COVERAGE	15MPH=93.74%	15MPH=93.74%	--	12MPH=94.29%
RUNWAY SAFETY AREA LENGTH	6695'	6695'	--	4800'
RUNWAY SAFETY AREA WIDTH	150'	150'	--	150'
OBSTACLE FREE ZONE LENGTH	6495'	6495'	--	4600'
OBSTACLE FREE ZONE WIDTH	250'	250'	--	250'
OBJECT FREE AREA LENGTH	6695'	6695'	--	4800'
OBJECT FREE AREA WIDTH	500'	500'	--	500'
BUILDING ELEVATION ABOVE MSL	60'	60'	--	53'
FAR PART 77 CATEGORY	NON-PRECISION /UTILITY	NON-PRECISION /UTILITY	--	VISUAL/UTILITY
TOUCHDOWN ZONE ELEVATION	3 21 - 4186'	3 21 4186'	-- - -- -	-- - -- -
(SWG)=AIRCRAFT EQUIPPED WITH SINGLE-WHEEL LANDING GEAR.				
ALL SEPARATION CRITERIA IS BASED ON FAA ADVISORY CIRCULAR 150/5300-13, CHANGE #5				

LEGEND		
EXISTING	ULTIMATE	
		FACILITIES
		BUILDINGS/STRUCTURES
		AIRPORT PROPERTY LINE
BRL	BRL	BUILDING RESTRICTION LINE (BRL)
		AIRPORT REFERENCE POINT (ARP)
		WIND CONE & SEGMENTED CIRCLE
		THRESHOLD LIGHTS (THR)
		ROTATING BEACON
200'	200'	MEDIUM INTENSITY RUNWAY LIGHTS (MIRLS)
		RUNWAY END IDENTIFICATION LIGHTS (REIL)
		PRECISION APPROACH PATH INDICATORS (PAPI)
RPZ	RPZ	RUNWAY PROTECTION ZONE (RPZ)
RVZ	RVZ	RUNWAY VISIBILITY ZONE (RVZ)
RSA	RSA	RUNWAY SAFETY AREA (RSA)
OFA	OFA	OBJECT FREE AREA (OFA)
OFZ	OFZ	OBJECT FREE ZONE (OFZ)
		TREES
		SECTION CORNER

BUILDINGS AND FACILITIES		
EXISTING	ULTIMATE	
1		TERMINAL/ADMINISTRATION BUILDING
2	2	AIRCRAFT PARKING APRON
3		SHADE HANGAR
4	4	T - HANGAR
5		AUTO PARKING
6		FUEL FACILITIES
7		AIRPORT ACCESS ROAD
8	8	CONVENTIONAL HANGAR

NOTES
THERE ARE NO OFZ OBJECT PENETRATIONS
THERE ARE NO THRESHOLD SITING SURFACE OBJECT PENERTRATIONS
THERE ARE NO MODIFACTIONS TO DESIGN STANDARDS

FAA APPROVAL BLOCK

Approved JAN 20 1999
FEDERAL AVIATION ADMINISTRATION
Western-Pacific Region
By _____
Supervisor, Standards Section

COCHISE COUNTY, ARIZONA
APPROVAL BLOCK

SUBMITTED BY: COCHISE COUNTY, ARIZONA

OFFICIAL TITLE: Chairman, Board of Supervisors

WILLCOX, ARIZONA

COCHISE COUNTY AIRPORT

AIRPORT LAYOUT PLAN

"The contents of this plan do not necessarily reflect the official views or policy of the FAA. Acceptance of this document by FAA does not in any way constitute a commitment on the part of the United States to participate in any development depicted herein nor does it indicate that the proposed development is environmentally acceptable in accordance with appropiate public laws."

JOB NO. 96414	DESIGNED BY: BCW	DATE: 6-10-97
DRAWING NO. TWO	DRAWN BY: MFL	DATE: 6-10-97
SCALE AS SHOWN	CHECKED BY: BCW	DATE: 3-5-98
SHEET 2 OF 10	BUCHER, WILLIS & RATLIFF CORPORATION	

NO.	REVISIONS	CHK'D	CHK'D	DATE
	NO PRIOR REVISIONS			

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LAST EDIT DATE: 03/05, 98 @ 10:16
DRW NAME: Q:\96414\ACD\ACAD\LOCALF.DWG
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PROJECT No: 96414.08