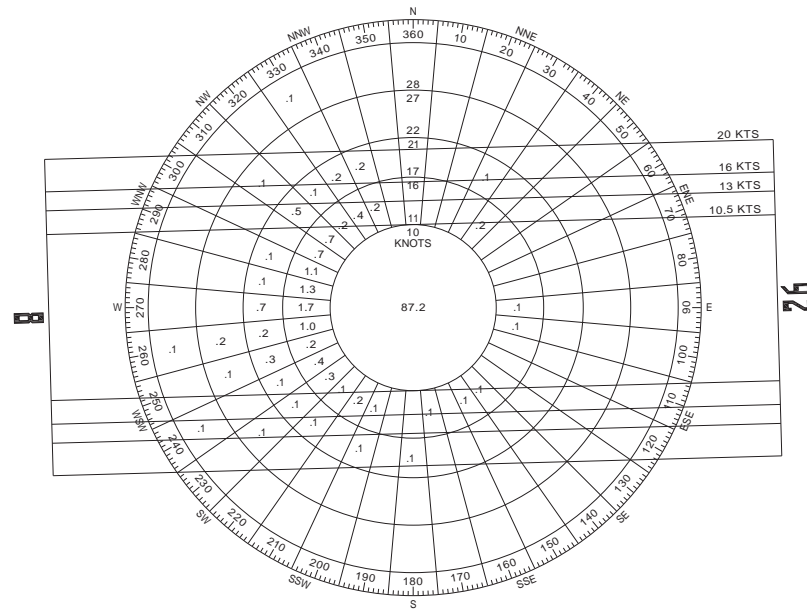


WIND COVERAGE	RUNWAY 8/26		
	WIND SPEED	EXISTING	FUTURE/ULTIMATE
10.5 KNOTS	96.87%	96.75%	
13 KNOTS	98.27%	98.21%	
16 KNOTS	99.33%	99.31%	
20 KNOTS	99.80%	99.79%	

**VFR WIND ROSE**

DATA SOURCE: NATIONAL CLIMATIC DATA CENTER, ASHVILLE, NORTH CAROLINA  
STATION LOCATION: GARFIELD COUNTY REGIONAL AIRPORT, COLORADO  
PERIOD: 1993-2002



WIND COVERAGE	RUNWAY 8/26		
	WIND SPEED	EXISTING	FUTURE/ULTIMATE
10.5 KNOTS	97.13%	97.02%	
13 KNOTS	98.37%	98.22%	
16 KNOTS	99.16%	99.17%	
20 KNOTS	99.71%	99.71%	

**IFR WIND ROSE**

DATA SOURCE: NATIONAL CLIMATIC DATA CENTER, ASHVILLE, NORTH CAROLINA  
STATION LOCATION: GARFIELD COUNTY REGIONAL AIRPORT, COLORADO  
PERIOD: 1993-2002

AIRPORT DATA		
ITEM	EXISTING	FUTURE
AIRPORT ELEVATION (MSL)	5,537'	SAME
AIRPORT REFERENCE POINT (ARP) COORDINATES	LAT: 39°31'35.800"N LONG: 107°43'40.800"W	SAME
MAGNETIC VARIATION (01/2013)	9°50'25"E CHANGING BY 0°7.7' ANNUALLY	
MEAN MAX. TEMP. - HOTTEST MONTH*	90.9°F (JULY)	SAME
AIRPORT & TERMINAL NAVAIDS	ILS, DME, VOR, ASOS, GPS, PAPI, REIL, BEACON, ODALS	SAME
NPIAS CATEGORY	GENERAL AVIATION	SAME
AIRPORT REFERENCE CODE (ARC)	D-II	D-III
LOCATION FROM CITY	3 MILES EAST OF RIFLE, CO	SAME
CDOT AERONAUTICS SERVICE ROLE	GENERAL AVIATION	SAME
TAXIWAY WIDTH	50'	SAME
TAXIWAY LIGHTING	MITL	SAME
TAXIWAY SAFETY AREA	118'	SAME
TAXIWAY OBJECT FREE AREA	186'	SAME

\* SOURCE: NATIONAL WEATHER SERVICE WEATHER FORECAST OFFICE

AIRPORT SURVEY CONTROL		
PRIMARY AIRPORT CONTROL STATION (RIL G)	N: 1623928.8436 E: 2372923.1280	5514.4'
SECONDARY AIRPORT CONTROL STATION (RIL F)	N: 1623904.0604 E: 2375452.5524	5540.3'
SECONDARY AIRPORT CONTROL STATION (RIL H)	N: 1623832.800 E: 2369954.000	5475.7'

DATUM NOTES: NAD83 HORIZONTAL/NAVD 88 VERTICAL  
COORDINATES IN COLORADO CENTRAL ZONE (FIPS 0502)  
COMBINED SCALE FACTOR = 0.99970215

RUNWAY PROTECTION AREAS											
EXISTING/FUTURE CONDITIONS											
R/W	APPROACH CATEGORY	APPROACH SLOPE	RPZ		RSA		OFA		OFZ		
			L	W <sup>1</sup>	W <sup>2</sup>	L*	W	L*	W	L*	W
8	NON-PRECISION	34:1	1,700'	500'	1,010'	1,000'	500'	1,000'	800'	200'	400'
26	PRECISION	50:1	1,700'	500'	1,010'	1,000'	500'	1,000'	800'	200'	400'

\* LENGTH BEYOND RUNWAY END  
<sup>1</sup> INNER-WIDTH  
<sup>2</sup> OUTER WIDTH

DECLARED DISTANCES								
R/W	TAKEOFF RUNWAY AVAILABLE (TORA)		TAKEOFF DISTANCE AVAILABLE (TODA)		ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)		LANDING DISTANCE AVAILABLE (LDA)	
	EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE
8	7,000'	7,000'	7,000'	7,000'	7,000'	7,000'	7,000'	7,000'
26	7,000'	7,000'	7,000'	7,000'	7,000'	7,000'	7,000'	7,000'

AIRPORT LAYOUT PLAN NOTES	
1.	NO MODIFICATIONS TO AIRPORT DESIGN STANDARDS REQUIRED
2.	NO OFZ PENETRATIONS
3.	NO TSS PENETRATIONS

ITEM	RUNWAY 8/26	
	EXISTING	FUTURE
RUNWAY DESIGN CODE	D-II	D-III
PERCENT EFFECTIVE GRADIENT	0.95%	
MAX. GRADE 1ST OR LAST QUARTER OF RUNWAY	(26) 0.840% (8) 0.545%	SAME
MAX. GRADE WITHIN MIDDLE OF RUNWAY	0.23%	SAME
LINE OF SIGHT REQUIREMENTS MET	MET	
PERCENT WIND COVERAGE		
10.5 KNOT ALL WEATHER IMC	96.87%	96.75%
20 KNOT ALL WEATHER IMC	99.80%	99.79%
RUNWAY WIDTH & LENGTH	100' x 7,000'	SAME
RUNWAY ORIENTATION (TRUE BEARING)	(8) 78° 23' 45.20" (26) 258° 24' 42.00"	(8) SAME (26) SAME
RUNWAY SURFACE COMPOSITION	GROOVED ASPHALT	SAME
PAVEMENT DESIGN STRENGTH (LBS.)		
SINGLE WHEEL GEAR (SWG)	90,000	SAME
DUAL WHEEL GEAR (DWG)	200,000	SAME
DUAL TANDEM GEAR (DTG)	250,000	SAME
14 CFR PART 77 APPROACH CATEGORY	(8) LARGER THAN UTILITY NON-PRECISION RNAV (26) LARGER THAN UTILITY WITH PRECISION ILS APPROACH	(8) SAME (26) SAME
14 CFR PART 77 APPROACH SLOPE	(8) 34:1 (26) 50:1 INNER 10,000'; 40:1 LAST 40,000'	(8) SAME (26) SAME
THRESHOLD SITING SURFACE	(8) 20:1 (26) 20:1	(8) SAME (26) SAME
APPROACH VISIBILITY MINIMUMS	(8) >1 MILE (26) >1 MILE - 4 NM PRECISION	(8) SAME (26) SAME
APPROACH PROCEDURES	(8) RNAV (GPS)(RNP), (26) ILS, RNAV (GPS)(RNP), LOC/DME, VOR/DME	SAME
TAXIWAY EDGE LIGHTS	MEDIUM INTENSITY	SAME
RUNWAY EDGE LIGHTS	HIGH INTENSITY	SAME
RUNWAY MARKINGS	(8) NON-PRECISION (26) PRECISION	(8) SAME (26) SAME
VISUAL APPROACH AIDS	(8) PAPI, REIL (26) PAPI, ODALS	(8) SAME (26) SAME
CRITICAL AIRCRAFT	GULFSTREAM IV	GULFSTREAM 550
WINGSPAN	77' 10"	90' 10"
APPROACH SPEED	167 MPH	156 MPH
MAX. T.O. WEIGHT	73,200 LBS	91,000 LBS.
PAVEMENT CLASSIFICATION NUMBER	43/F/B/X/U	SAME
RUNWAY REFERENCE CODE	D/III/4,000	D/III/4,000
RUNWAY OBJECT FREE AREA	9,000' X 800'	SAME
RUNWAY SAFETY AREA	9,000' X 500'	SAME
RUNWAY OBSTACLE FREE ZONE	7,400' X 400'	SAME
INNER APPROACH OBJECT FREE ZONE	(8) N/A (26) 1,000' X 400'	(8) SAME (26) SAME
PRECISION OBJECT FREE ZONE	(8) N/A (26) 200' X 800'	(8) SAME (26) SAME
TYPE OF AERONAUTICAL SURVEY REQUIRED FOR APPROACH	(8) VERTICALLY GUIDED (26) VERTICALLY GUIDED	(8) SAME (26) SAME
RUNWAY DEPARTURE SURFACE	(8) YES (26) YES	(8) SAME (26) SAME

RUNWAY END DATA		
ITEM	RUNWAY 8/26	
	EXISTING	FUTURE
RUNWAY END ELEVATIONS	(8) 5,470.2' (26) 5,536.8'	SAME SAME
TOUCHDOWN ZONE ELEVATIONS	(8) 5,497.9' (26) 5,536.8'	SAME SAME
RUNWAY END COORDINATES	(8) LAT: 39°31'34.85"N LONG: 107°44'25.39"W (26) LAT: 39°31'36.72"N LONG: 107°42'56.11"W	SAME SAME SAME SAME
DISPLACED THRESHOLD ELEVATIONS	(8) N/A (26) N/A	(8) N/A (26) N/A
DISPLACED THRESHOLD COORDINATES	(8) N/A (26) N/A	(8) N/A (26) N/A

DES: B.A.V. DRN: A.P.A. CHK: S.E.S. APP: D.F.N.	ISSUE RECORD			
	NO.	BY	DATE	DESCRIPTION

**AIRPORT LAYOUT PLAN DATA SHEET**

AIP PROJ. NO. 3-08-0048-22 | JVIATION PROJ. NO. RIL-AIP | DATE: MAY, 2015



AIRPORT LAYOUT PLAN