

Reno-Stead Airport (RTS) Reno, Nevada

DRAFT

Reno-Tahoe Airport Authority

Planning, Engineering & Environmental Division

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Source: RTAA Geographic Information System

No.	Date	Description	Drawn By	Checked By	File Name
1	8/15/85	AIRPORT LAYOUT PLAN 1985	JP	SS	
2	3/2/87	AIRPORT LAYOUT PLAN 2001	AP	SS	
3	4/10/09	AIRPORT LAYOUT PLAN 2009	AS	SS	
4	3/11/11	AIRPORT LAYOUT PLAN UPDATE 2011	GP	SS	04_ASD_DATA_SHEET.PDF
5	6/28/15	AIRPORT LAYOUT PLAN UPDATE 2015	AP	SS	RIS_AIP_2015_UPDATE_DATA_SHEET.MXD
6	2/28/19	AIRPORT LAYOUT PLAN UPDATE 2019	AS	SS	RIS_AIP_2019_UPDATE_DATA_SHEET.MXD

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NOTE: THIS DRAWING IS FOR PLANNING PURPOSES ONLY AND IS NOT INTENDED FOR CONSTRUCTION OR NAVIGATION. USE.

AIRPORT LAYOUT PLAN UPDATE AIRPORT DATA SHEET

Sheet No: 4 of 5

TN MN

Map Var: 13° 30' E

Change: 0° 0' W Per Year

Source: USGS, March, 2016

AIRPORT DATA TABLE		
RENO-STEAD AIRPORT (RST)		
CITY/STATE: RENO, NEVADA	COUNTY: WASHOE	
RANGE: 19E TOWNSHIP: 21N	CIVIL TOWNSHIP: N/A	
AIRPORT DATA	EXISTING	ULTIMATE
AIRPORT ELEVATION (MSL)	5050.1'	SAME
AIRPORT REFERENCE POINT (NAD 83)		
LATITUDE	39° 40' 05.437"N	39° 40' 04.989"N
LONGITUDE	119° 52' 35.182"W	119° 52' 37.198"W
MEAN MAX TEMPERATURE OF HOTEST MONTH	91.3° F (July)	SAME
AIRPORT & TERMINAL AREA NAVAIDS	None	SAME
MAGNETIC VARIATION	13° 39'E	0° 6W Per Year
DATE OF MAGNETIC VARIATION	2016	2016
NPIAS SERVICE LEVEL	NGPY	SAME
WIND COVERAGE CROSSWIND COMPONENT	20 KNOTS	SAME
ALL WEATHER (PERCENT COVERAGE)	99.56%	SAME
AIRPORT REFERENCE CODE	C-III	SAME
DESIGN AIRCRAFT	Boeing 737-900	SAME
TAXIWAY LIGHTING	NONE	SAME
TAXIWAY MARKING	STANDARD	SAME

RUNWAY DATA	RUNWAY 8/26		RUNWAY 14/32	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE
EFFECTIVE GRADIENT (%)	0.77	0.78	0.05	SAME
MAXIMUM GRADE CHANGE (%)	0.87	0.83	0.23	SAME
MAX. ELEVATION (NAVD88)	5050.1'	SAME	5044.9'	SAME
RUNWAY LENGTH	7608'	SAME	9000'	SAME
RUNWAY WIDTH	150'	SAME	150'	SAME
PAVEMENT SURFACE TYPE	ASPHALT	SAME	ASPHALT	SAME
PAVEMENT SURFACE TREATMENT	GROOVED	SAME	GROOVED (80' WIDTH)	SAME
RUNWAY TRUE AZIMUTH	96.73° / 276.73°	SAME	154.42° / 334.42°	SAME
RUNWAY TRUE BEARING	S 83° 16' 16" E	SAME	S 25° 34' 55" E	SAME
PAVEMENT STRENGTH				
SINGLE WHEEL	60	SAME	75	SAME
DUAL WHEEL	100	SAME	200	SAME
DUAL TANDEM	150	SAME	320	SAME
APPROACH SURFACE SLOPE	20:1 / 20:1	34:1 / 50:1	20:1 / 50:1	34:1 / 50:1
FAR PART 77 CATEGORY	C / C	SAME	C / C	SAME
APPROACH MINIMUMS	VISUAL / VISUAL	> 3/4 MILE / < 3/4 MILE	VISUAL / < 3/4 MILE	> 3/4 MILE / < 3/4 MILE
VISUAL APPROACH AIDS	PAPI-4 / PAPI-4	SAME	PAPI-4 / PAPI-4	SAME
INSTRUMENT APPROACH AIDS	REIL / REIL	SAME	REIL / REIL	SAME
	-	NONE / ILS	NONE / ILS	SAME
	-	NONE / MALSR	NONE / MALSR	SAME
	-	NONE / GPS	NONE / GPS	SAME
RUNWAY LIGHTING	HIRL	SAME	HIRL	SAME
AMBER LENSES LAST 2,000 FEET (Y/N)	n/n	SAME	n/n	SAME
RUNWAY MARKING	NON-PPPRECISION	SAME	NON-PPPRECISION	SAME
PAVEMENT STRENGTH (X 1000 LBS.)	60(S), 100(D), 150(OT)	SAME	75(S), 200(D), 320(OT)	SAME
TAXIWAY LIGHTING	NONE	SAME	REFLECTORS	SAME
AIRPORT REFERENCE CODE (ARC)	C-III	SAME	C-III	SAME
CRITICAL AIRCRAFT (BY RUNWAY IF APPLICABLE)	Boeing 737-900	SAME	Boeing 737-900	SAME
RUNWAY OBJECT FREE AREA (ROFA)				
LENGTH BEYOND RUNWAY	425' / 1000'	1000' / 1000'	794' / 1000'	1000' / 1000'
WIDTH	800'	SAME	800'	SAME
RUNWAY SAFETY AREA (RSA)				
LENGTH BEYOND RUNWAY	425' / 1000'	1000' / 1000'	794' / 1000'	1000' / 1000'
WIDTH	500'	SAME	500'	SAME
RUNWAY OBJECT FREE ZONE (OFZ)				
LENGTH BEYOND RUNWAY	200' / 200'	SAME	200' / 200'	SAME
WIDTH	400' / 400'	SAME	400' / 400'	SAME
RUNWAY PROTECTION ZONE (RPZ)				
APPROACH RPZ (INNER WIDTH)	500' / 500'	1000' / 1000'	500' /	1000' / 1000'
APPROACH RPZ (OUTER WIDTH)	1010' / 1010'	1510' / 1750'	1010' /	1510' / 1750'
APPROACH RPZ (LENGTH)	1700' / 1700'	1700' / 2500'	1700' /	1700' / 2500'
DEPARTURE RPZ (INNER WIDTH)	500' / 500'	1000' / 1000'	500' /	500' / 500'
DEPARTURE RPZ (OUTER WIDTH)	1010' / 1010'	1510' / 1750'	1010' /	1010' / 1010'
DEPARTURE RPZ (LENGTH)	1700' / 1700'	1700' / 2500'	1700' /	1700' / 1700'
RUNWAY END COORDINATES (NAD 83)				
LATITUDE	39° 39' 51.6446"N	SAME	39° 41' 00.1962"N	SAME
LONGITUDE	119° 53' 31.8784"W	SAME	119° 52' 53.7370"W	SAME
RUNWAY END ELEVATIONS (NAVD88)	4991.8' / 5050.1'	SAME / 5047.9'	5043.5' / 5043.8'	SAME / SAME
RUNWAY ELEVATION (HIGH POINT)	5050.1'	SAME	5044.9'	SAME
RUNWAY ELEVATION (LOW POINT)	4991.8'	SAME	5035.3'	SAME
DISPLACED THRESHOLD COORDS (NAD 83)				
LATITUDE	N/A	SAME	N/A	SAME
LONGITUDE	N/A	SAME	N/A	SAME
LINE OF SIGHT VIOLATIONS (Y / N)	n/n	n/n	n/n	n/n

RUNWAY 8 - 26 FUTURE DECLARED DISTANCES

DECLARED DISTANCES (ULTIMATE)				
Runway End ID	TORA	TODA	ASDA	LDA
8	6,956'	6,956'	6,956'	6,956'
26	7,608'	7,608'	7,608'	7,294'
14	8,680'	8,680'	8,680'	8,680'
32	9000'	9000'	9000'	7,800'

RUNWAY 14 - 32 FUTURE DECLARED DISTANCES

ABBREVIATIONS	
RSA	Runway Safety Area
ROFA	Runway Object Free Area
ROFZ	Runway Obstacle Free Zone
RPZ	Runway Protection Zone
BRL	Building Restriction Line
ARP	Airport Reference Point
VOR	Very High Frequency (VHF) Omni-Directional Range
HIRL	High Intensity Runway Edge Lighting System
MALSR	Medium Intensity Approach Lighting System with Runway Alignment Indicator Light
PAPI	Precision Approach Path Indicator
ATCT	Air Traffic Control Tower
DME	Distance Measuring Equipment
ILS	Instrument Landing System
LOC	Localizer
GS	Glide Slope
TDZE	Touchdown Zone Elevation
TODA	Take Off Distance Available
TORA	Take Off Run Available
ASDA	Accelerated Stop Distance Available
LDA	Landing Distance Available
REIL	Runway End Indicator Lights
ARC	Airport Reference Code
FAR	Federal Aviation Regulation
AWOS	Airport Weather Observation System
NAVD88	North American Vertical Datum 1988
NAD83	North American Datum 1983
GPS	Global Positioning System