DECLARED DISTANCES

	RUNWAY 7L-25R (FEET)	RUNWAY 7R-25L (FEET)	RUNWAY 1L (FEET)	RUNWAY 19R (FEET)
TAKEOFF RUN AVAILABLE (TORA)	14,505	14,505	9,770	9,770
TAKEOFF DISTANCE AVAILABLE (TODA)	15,094	15,150	10,003	10,182
ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)	14,694	14,150	8,995	9,182
LANDING DISTANCE AVAILABLE (LDA)	11,961	12,750	8,407	8,399

RSA LENGTH LIMITS RW 7L ASDA	RSA LENGTH LIMITS RW 1L ASDA
ROFA LENGTH LIMITS RW 7L ASDA	ROFA LENGTH LIMITS RW 1L ASDA
RSA LENGTH LIMITS RW 7L LDA	RSA LENGTH LIMITS RW 1L LDA
ROFA LENGTH LIMITS RW 7L LDA	ROFA LENGTH LIMITS RW 1L LDA
RSA LENGTH LIMITS RW 25R ASDA	RSA LENGTH LIMITS RW 19R ASDA
ROFA LENGTH LIMITS RW 25R ASDA	ROFA LENGTH LIMITS RW 19R ASDA
RSA LENGTH LIMITS RW 25R LDA	RSA LENGTH LIMITS RW 19R LDA
ROFA LENGTH LIMITS RW 25R LDA	ROFA LENGTH LIMITS RW 19R LDA
REF: AC 150/5300-13, AIRPORT DESIGN, APPENDIX 14	

AIRPORT DATA

	EXISTING	FUTURE
AIRPORT ELEVATION	2179 MSL*	SAME
AIRPORT REFERENCE POINT (ARP)	LAT. 36°04'49" LONG. 115°09'06"	NA
MEAN MAX. TEMP. OF HOTTEST MONTH	104°F (JULY)	SAME
AIRPORT AND TERMINAL NAV. AIDS	ILS, ASR, VORTAC, REIL, PAPI, MALSR, MALSF, ROTATING BEACON	SAME
MISCELLANEOUS FACILITIES	SIGN SYSTEM, TAXIWAY LIGHTING, CENTERLINE MARKING	SAME

* AIRPORT ELEVATION AND ELEVATION DATA SHOWN ARE FROM THE McCARRAN MODIFIED COORDINATE SYSTEM.

RUNWAY DATA

	RUNWAY 1R-19L		RUNWAY 1L-19R		RUNWAY 7L-25R		RUNWAY 7R-25L	
	EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE
RUNWAY WIDTH AND LENGTH	150' x 9770'	SAME	150' x 9770'	SAME	150' x 14,505'	SAME	150' x 10,525'	SAME
DISPLACED THRESHOLDS	1R : 500' 19L : 874'	SAME	1L : 588' 19R : 783'	SAME	7L : 2132' 25R : 1406'	SAME	NO	SAME
RUNWAY SHOULDER WIDTHS	50'	SAME	50'	SAME	50'	SAME	50'	SAME
EFFECTIVE GRADE (+/- %)	0.99	SAME	0.99	SAME	1.04	SAME	1.05	SAME
INSTRUMENT RUNWAY	1R NONPRECISION INSTR. (1 MI) 19L VISUAL	1R-PRECISION 19L-PRECISION	1L VISUAL 19R VISUAL	1L-PRECISION 19R-PRECISION	7L-VISUAL 25R-PRECISION INSTRUMENT	SAME	7R-VISUAL 25L-PRECISION INSTRUMENT	SAME
PAVEMENT STRENGTH*	S-23, D-220, DT-633, DDT-914	SAME	S-30, D-145, DT-460, DDT-833	SAME	S-23, D-220, DT-633, DDT-914	SAME	S-23, D-220, DT-633, DDT-914	SAME
APPROACH SURFACE	1R-34:1 MIN. 19L-34:1 MIN.	1R-50:1 MIN. 19L-50:1 MIN.	1L-34:1 MIN. 19R-34:1 MIN.	1L-50:1 MIN. 19R-50:1 MIN.	7L-20:1 MIN. 25R-50:1 MIN.	SAME	7R-50:1 MIN. 25L-50:1 MIN.	SAME
RUNWAY LIGHTING	MIRL, PAPI, REIL	SAME	HIRL, PAPI, REIL	SAME	HIRL, MALSR(25R), PAPI	SAME	MALSF(25L), HIRL, REIL(7R), PAPI	SAME
RUNWAY MARKING	NONPRECISION	PRECISION	NONPRECISION	PRECISION	(7L) NONPRECISION (25R) PRECISION	SAME	(7R) NONPRECISION (25L) PRECISION	SAME
TAXIWAY WIDTHS	ALL TAXIWAYS ARE 100' OR GREATER, EXCEPT FOR TAXIWAY 'E' (75') LOCATED BETWEEN RUNWAY 1L-19R AND 1R-19L AND NORTH OF RUNWAY 7L-25R.							
TAXIWAY PAVED SHOULDER WIDTHS	ALL TAXIWAYS HAVE 35' OR GREATER SHOULDERS EXCEPT TAXIWAY 'E' LOCATED BETWEEN RUNWAY 1L-19R AND RUNWAY 1R-19L AND NORTH OF RUNWAY 7L-25R WHICH HAS 25' SHOULDERS.							

* VALUES GIVEN ARE GROSS AIRCRAFT WEIGHT IN 1,000 LB FOR SINGLE (S), DUAL (D), DUAL TANDEM (DT), DOUBLE DUAL TANDEM (DDT) GEARED AIRCRAFT

McCARRAN INTERNATIONAL AIRPORT ALL WEATHER WIND ROSE

ALL WEATHER WIND ROSE TABLE

CROSSWIND COMPONENT	RUNWAY COVERAGE			
	01L-19R	01R-19L	07L-25R	07R-25L
10.5 KTS	90.27%	90.27%	94.44%	94.44%
		98.57%		
13 KTS	94.20%	94.20%	96.72%	96.77%
		98.52%		
16 KTS	97.66%	97.66%	98.25%	98.25%
		99.85%		
20 KTS	99.56%	99.56%	99.14%	99.14%
		99.97%		

Station : McCarran International Airport, Las Vegas, Nevada
Period of Record : January 1984 – December 1996
No. of Observations : 8,656
Wind Data Source : National Climatic Data Center
U.S. Department of Commerce
Asheville, North Carolina

RUNWAY END COORDINATES

RUNWAY	EXISTING LATITUDE	EXISTING LONGITUDE	FUTURE LATITUDE	FUTURE LONGITUDE
1L	36°04'31.156"	115°10'13.303"	SAME	SAME
19R	36°05'58.772"	115°09'23.155"	SAME	SAME
1R	36°04'27.258"	115°10'02.943"	SAME	SAME
19L	36°05'54.927"	115°09'12.791"	SAME	SAME
7L	36°04'34.909"	115°10'12.713"	SAME	SAME
25R	36°04'25.053"	115°07'15.914"	SAME	SAME
7R	36°04'25.052"	115°09'41.516"	SAME	SAME
25L	36°04'25.154"	115°07'32.954"	SAME	SAME

HORIZONTAL DATA IS BASE ON NAD83 CONTROL DATUM

DISPLACED THRESHOLD COORDINATES

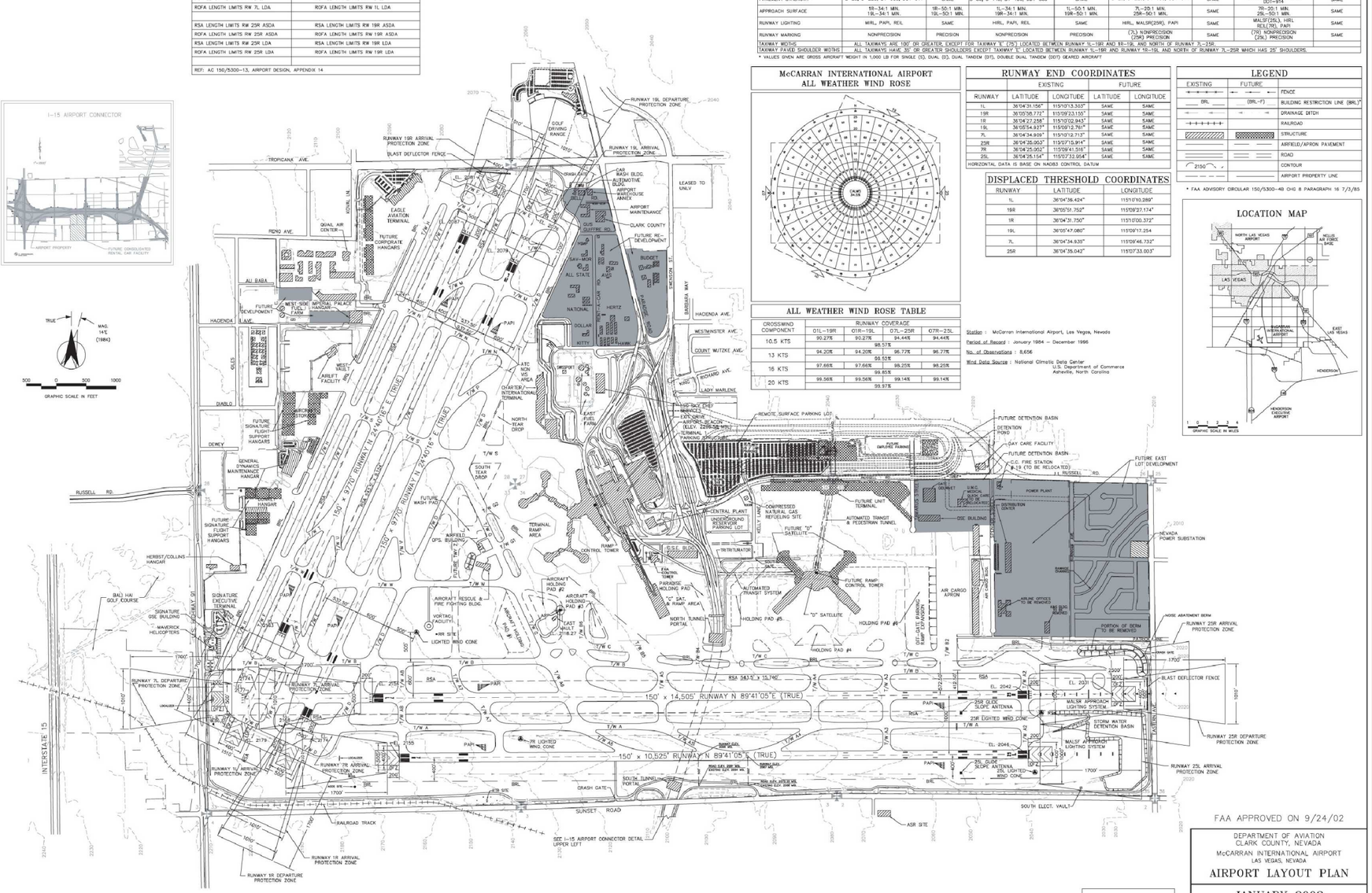
RUNWAY	LATITUDE	LONGITUDE
1L	36°04'36.424"	115°10'10.289"
19R	36°05'51.752"	115°09'27.174"
1R	36°04'31.750"	115°10'00.372"
19L	36°05'47.080"	115°09'17.254
7L	36°04'34.935"	115°09'46.732"
25R	36°04'35.042"	115°07'33.003"

LEGEND

EXISTING	FUTURE	
		FENCE
BRL	(BRL-F)	BUILDING RESTRICTION LINE (BRL)*
		DRAINAGE DITCH
		RAILROAD
		STRUCTURE
		AIRFIELD/APRON PAVEMENT
		ROAD
2150		CONTOUR
		AIRPORT PROPERTY LINE

* FAA ADVISORY CIRCULAR 150/5300-4B CHG 8 PARAGRAPH 16 7/3/85

LOCATION MAP



FAA APPROVED ON 9/24/02

DEPARTMENT OF AVIATION
CLARK COUNTY, NEVADA
McCARRAN INTERNATIONAL AIRPORT
LAS VEGAS, NEVADA

AIRPORT LAYOUT PLAN

JANUARY 2002

DRAWN BY: LOW, PAK, DPT 10/13/00 CHECKED BY:

DRAWING NO. SHEET 1 OF 2

Submitted by: RANDALL H. RUBIN, Director of Aviation
Clark County Department of Aviation

Las Vegas Four Corner-Post Plan
Supplemental Environmental Assessment

McCarran International Airport
Layout Plan (ALP)

Exhibit
3.2

October 2005
Prepared By: Landrum & Brown
Filename: LAS_ALP_3_2.mxd