

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
1121/2022		Raptor 1		Training		292359AUG22		
Task	AAR					Freq		
AO						261.25		
Departure				Recovery				
DREAM FOUR				STRYK				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Raptor 1-1		Hercules		1611	21Y	1561	

LOADOUT			
A/A	2xA120C		GUN 100% HEI-T
A/G			CHF 120
POD			FLR 0
TKS	3xFT300		FUEL 50%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	9590				

AIRBASES								
	Name	TCN	ATIS	GND	TWR	RWY	Elev	ILS
Dep	Nellis AFB	12X	270.1	275.8	327.0	21L	1850	109.1
Arr	Nellis AFB	12X	270.1	275.8	327.0	21L	1850	109.1

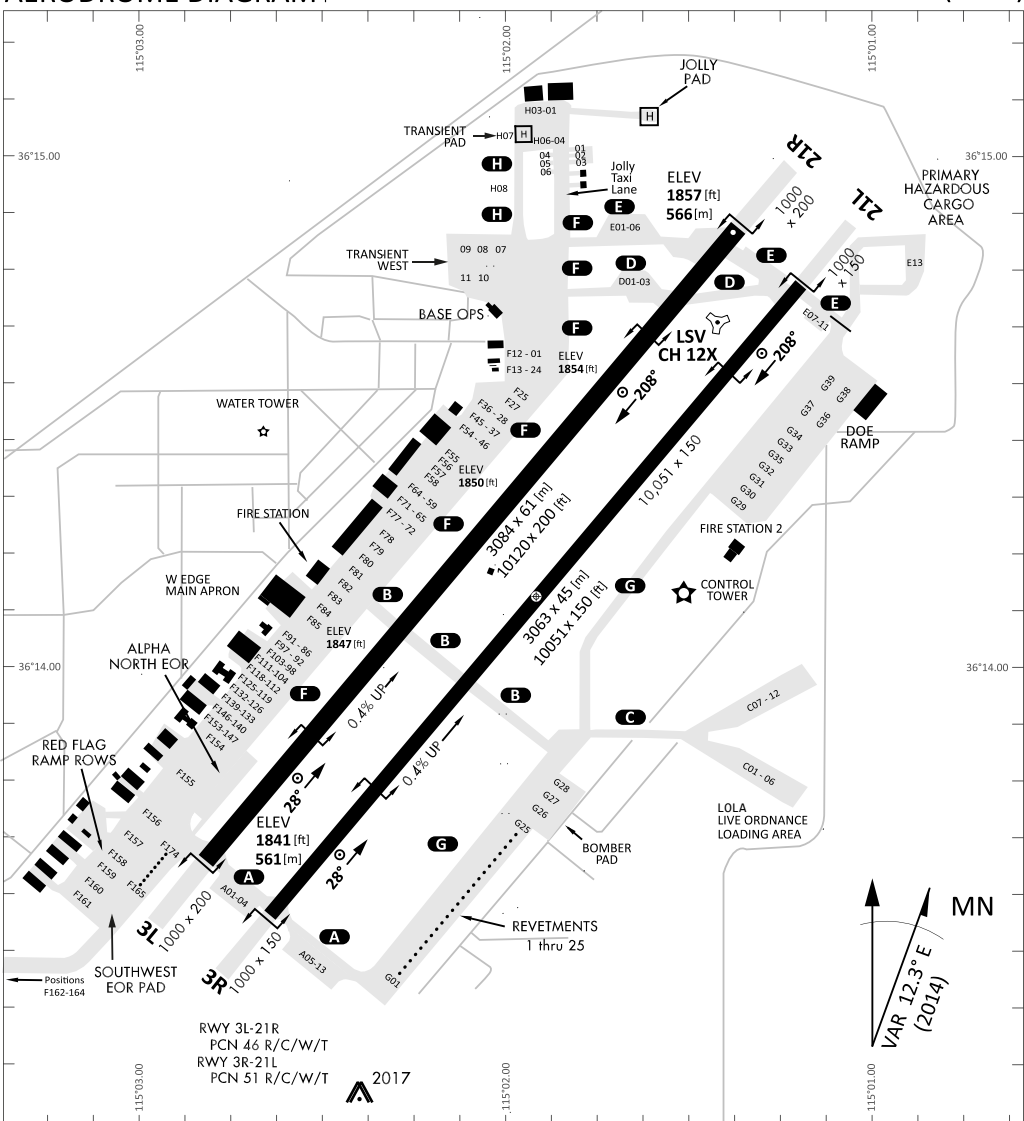
FLIGHTPLAN				
#	Name	Navaid/Coords/DME	ALT	TOT
1	Nellis	N36 14.680 W115 01.500	1841	
2	JUNNO	BLD 346/44 (N36 43.800 W114 52.770)	14000	
3	SARAH	LSV 315/25 (N36 36.450 W115 18.030)	10000	

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Edelweiss 6	Training	2x A-10C	134.65	21/84	40	166X
	AO		Task	BJT procedures		
Monster 1	Training	4x A-10C	132.15	25/88	21	161X
	AO		Task	AAR		
T-Rex 1	Training	4x A-10C	132.25	27/90	25	165X
	AO		Task	AAR		
Rattler 4	Training	3x AH-64D	133.5	21/84		125X
	AO	Range 63	Task	CPG		
Edelweiss 1	Training	4x F/A-18C	264.15	21/84		171X
	AO		Task	AAR		
Edelweiss 7	Training	4x F-16C	134.75	21/84	41	167X
	AO		Task	AAR		
Tiger 1	Training	4x F/A-18C	261.15	11/74	1	155X
	AO	Range 74.06	Task	A/G RADAR Training		

RADIO CHANNELS		
#	Freq	Name
1		Flight/Squadron specific
2	289.4	Nellis Clearance Delivery
3	275.8	Nellis Ground
4	327.0	Nellis Tower
5	385.4	Nellis Approach/Departure West
6	273.55	Nellis Approach/Departure East
7	317.525	Nellis Control -- Sally
8	254.4	Nellis Control-- Lee
9	305.6	SOF Bullseye
10	343.725	EMERGENCY SINGLE FRQ
11	270.1	Nellis ATIS
12	360.625	Creech AFB Tower
13	250.1	HAVE QUICK 13
14	251.1	HAVE QUICK 14
15	252.1	HAVE QUICK 15
16	377.8	Blackjack
17	265.0	KC-135 AR-641A
18	360.8	KC-135MPRS AR-635
19	319.8	KC-135MPRS AR-625
20	300.05	KC-135 AR-231V

RAMROD										
0	1	2	3	4	5	6	7	8	9	
W	I	N	G	S	P	R	E	A	D	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	FCMG	EHD	UBP	OQ	LW	SXI	AK	RT	VJ	YN
B	NEXR	ITY	SHL	QK	JP	OMF	UC	BV	DA	GW
C	UTGV	ADY	CSQ	EJ	RK	XOB	NI	FW	HM	LP
D	NPAB	VML	IJX	RF	SG	KYT	QW	HE	CU	DO
E	VTPY	UGD	WSE	CM	IL	RNA	HX	JF	BO	KQ
F	JDTQ	MRH	AIU	KV	SX	GOL	CP	EB	NY	FW
G	SIEV	AWK	XCU	QR	OD	YPJ	MB	HG	TF	LN
H	SBWE	DLY	XGC	RA	JT	FIN	PU	OM	VQ	HK
I	QJVO	GEU	MFC	BT	SY	LDI	WH	PN	RA	KX
J	MVRJ	LPQ	AUG	DB	NE	SCF	KI	OY	TW	XH
K	NVKU	OBT	DEW	CR	XS	AYH	LQ	JP	IM	FG
L	GEMR	XFC	VID	BY	SQ	OAL	KN	TH	PU	JW
M	YKXR	SUN	JDM	PQ	OE	VBT	FH	AG	WL	IC
N	KMCE	DVS	UIJ	LH	XB	RFA	WN	QO	GP	TY
O	CFLO	HQY	KSB	IV	UM	WTG	JD	XE	RP	NA
P	UQDE	CWY	KSH	AV	XM	NOI	PG	BT	LR	JF
Q	EGXJ	IPS	THQ	FR	ON	BWA	KY	VM	LD	CU
R	EPSM	CUQ	VBJ	LW	XY	IOD	NH	AG	FT	RK
S	PEHD	KYB	FVM	QT	IL	URO	GC	JW	NX	AS
T	JBKF	RUN	TLI	MX	CS	OQW	DG	HV	AE	PY
U	RTVE	CIG	SAH	DN	OL	WFX	BU	MQ	PK	JY
V	MEAY	JXI	BVN	LW	KU	FCQ	RH	GP	OD	TS
W	ONTV	ECX	PUK	MB	IA	HGQ	JR	SW	FD	YL
X	JKRX	MCD	OVA	EH	NW	GTS	FU	LQ	PY	BI
Y	BUMF	CQI	SGN	WH	VA	YEJ	PL	OK	XT	RD

NAVAIDS				
Id	Name	Channel	Position	Elevation
BCE	Bryce Canyon	75	N3741.35 W11218.23	9040
BIH	Bishop	33	N3722.62 W11821.99	4114
BLD	Boulder	114	N3559.75 W11451.82	3650
BTY	Beatty	94	N3648.54 W11644.86	2925
CDC	Cedar City	120	N3747.24 W11304.90	5463
DAG	Daggett	79	N3457.75 W11634.69	1760
EED	Needles	99	N3445.96 W11428.43	650
GFS	Goffs	91	N3507.87 W11510.59	4019
GRL	Groom Lake	18	N3713.91 W11548.16	4475
HEC	Hector	74	N3447.83 W11627.78	1854
ILC	Wilson Creek	110	N3815.02 W11423.65	9318
INS	Creech AFB	87	N3635.20 W11540.12	3101
LAS	McCarran Intl	116	N3604.78 W11509.59	2142
LSV	Nellis	12	N3614.68 W11501.50	1864
MLF	Milford	58	N3821.62 W11300.79	4977
MMM	Mormon Mesa	90	N3646.16 W11416.65	2120
MVA	Mina	98	N3833.92 W11801.97	7860
OAL	Coale Dale	124	N3800.20 W11746.23	4800
PGS	Peach Springs	57	N3537.48 W11332.67	4754
TPH	Tonopah Muni	119	N3801.84 W11702.01	5330
TQQ	Silverbow	77	N3748.00 W11647.00	5500
UTI	St George	23	N3705.29 W11335.53	2871



PAR	RWY	CAT	MINIMA	ARP	ELEV	Scale 1:35'500
	21L	A B D E	2057 - 0.8 200 (200-0.8/1.6) GS 3°	36° 14.060° N	1857 [ft]	0 300 600 900 1200 1500 [m]
	3R	A B D E	2057 - 0.8 200 (200-0.8/1.6) GS 3°	115° 01.058° W	566 [m]	0 1000 2000 3000 4000 5000 [ft]
SRA	21R	A C D E	2257 - 1.2 350 (350-1.2/1.6)			
	3L	A C D E	2257 - 1.2 350 (350-1.2/1.6)			

RWY	TORA	TODA	ASDA	LDA	PSN THR	ALS
21L	10051 [ft] 3063 [m]	11051 [ft] 3368 [m]	11051 [ft] 3368 [m]	10051 [ft] 3063 [m]	36°14.043°N 115°01.018°W	⊕
3R	10120 [ft] 3084 [m]	11120 [ft] 3398 [m]	11120 [ft] 3398 [m]	10120 [ft] 3084 [m]	36°13.029°N 115°02.038°W	

ATIS	NELLIS GROUND	NELLIS TOWER	NELLIS CONTROL	TACAN	ILS RWY 21L	NELLIS EAST	NELLIS WEST
270.100 MHz	275.800 121.800	327.000 132.55	317.525	LSV 12X	109.10 Mhz	384.400	385.000

ATIS
270.100
NELLIS GROUND
275.800
NELLIS TOWER
327.000
NELLIS CONTROL
317.525
NELLIS DEP/APP EAST
384.400
BLACKJACK
377.800

DREAM
N3710.34
W11459.53

MINTT
LAS 351/38
17,000

Rwy	Knots	60	120	180	240	300	360
* 3 L (a)	V/Vl(fpm)	269	538	807	1076	1345	1614
* 3 R (b)	V/Vl(fpm)	245	490	735	980	1225	1470
† 3 L (c)	V/Vl(fpm)	498	996	1494	1992	2490	2988
† 3 R (c)	V/Vl(fpm)	496	992	1488	1984	2480	2976
* 21 L (d)	V/Vl(fpm)	389	778	1167	1556	1945	2334
* 21 R (d)	V/Vl(fpm)	395	790	1185	1580	1975	2370
† 21 L (c)	V/Vl(fpm)	453	906	1359	1812	2265	2718
† 21 R (c)	V/Vl(fpm)	457	914	1371	1828	2285	2742

* Minimum † ATC Climb Rate

- (a) to 3600
 - (b) to 3100
 - (c) to 17,000
 - (d) to 8500
- ** Lead DME:
ATALF - LSV 9.5
HEREM - LSV 8.8

- ① 12.24 NM from Rwy 21R
- ② 12.40 NM from Rwy 21L
- ③ 5.67 NM from Rwy 3L
- ④ 5.85 NM from Rwy 3R

NOT FOR CIVIL USE

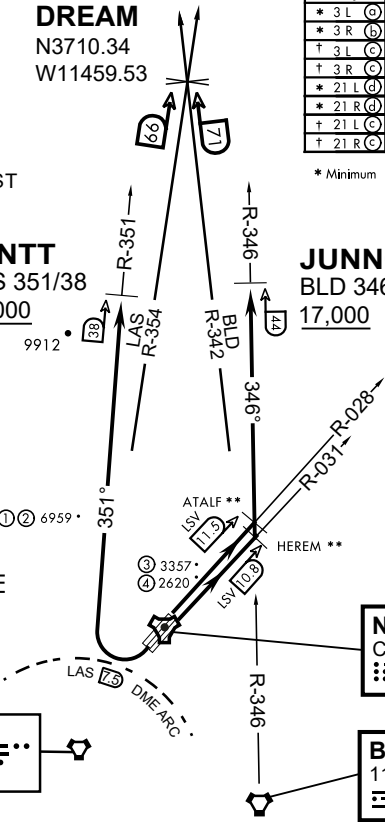
CAUTION: If unable to comply with restrictions advise ATC prior to departure.

LAS VEGAS
116.9 LAS
Chan 116

NELLIS
Chan 12 LSV

BOULDER CITY
116.7 BLD
Chan 114

VAR 12.3°E



DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 3L

- Fly runway heading to intercept the LSV TACAN R-028 then direct ATALF, intercept the BLD VORTAC R-346 then direct JUNNO, cross JUNNO at or above 17,000, then via assigned route.

TAKE-OFF RWY 3R

- Fly runway heading to intercept the LSV TACAN R-031 then direct HEREM, intercept the BLD VORTAC R-346 then direct JUNNO, cross JUNNO at or above 17,000, then via assigned route.

TAKE-OFF RWY 21L/R

- Turn right to intercept LAS VORTAC R-351 outbound. Remain North of LAS 7.5 DME turning Northbound. Intercept LAS R-351 between 5000 and 6000, do not proceed West of LAS R-351. Cross MINTT at or above 17,000, then via assigned route.

NOISE ABATMENT PROCEDURES: Fly acc. Nellis Noise Abatement instructions



APPROACH ROUTE DESCRIPTION

APPROACH RWY 3L/R

Cross STRYK at or above 9,500' MSL, proceed direct GASS PEAK. Cross JORDN at or above 9,500' MSL, cross GASS PEAK at or above 8,500' MSL. Proceed direct SIMNS and cross at 5,500' MSL. Cross Las Vegas Blvd at or above 4,000' MSL then to 3,500' MSL for Initial. Remain within 4 DME if LSV on turn to final.

VFR STRAIGHT-IN RWY 3L/R

Depart CRAIG & descend to be at 3,000' MSL by Las Vegas Blvd. Do not descend below 3,000' MSL until within 5 DME of LSV or 4 NM of the runway on turn to final.

APPROACH RWY 21L/R

Cross STRYK at or above 9,500' MSL, proceed direct GASS PEAK. Cross JORDN at or above 9,500' MSL, cross GASS PEAK at or above 8,500' MSL. Cross APEX at or above 4,500' MSL then direct 5NM initial. Descend to cross PHINN at 4,000' MSL, Inside 5 NM descend to 3,500' MSL.

VFR STRAIGHT-IN RWY 21L/R

Cross APEX at 4,000' MSL. Descend to be at 3,000' MSL at PHINN. Descend to 3,000' MSL at LSV 027/5.

RANGE 63B EXIT

SOUTH: Via NIXON at or above 10,000' MSL, then direct STRYK.

EAST: Via SARAH at or above 10,000' MSL, then direct GASS PEAK.