

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
1868/2023		Raptor 2		Training		250000APR23		
Task	Bomb Training - Pop&HD					Freq		
AO	Range 61					134.25		
Departure				Recovery				
DREAM FOUR				STRYK				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Raptor 2-1		Newbie		1621	21Y	1561	
-2	Raptor 2-2		Hercules		1622	84Y	1562	

LOADOUT			
A/A	2xA120C, 2xA9X	GUN	100% HEI-T
A/G	6xM82SE	CHF	60
POD	HTS, A184, TGP	FLR	60
TKS	2xFT300	FUEL	100%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	11169				

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	DREAM	N37 10 20.400 W114 59 31.800	20000	
2	HOLDING	N37 16 60 W115 07 03	20000	
3	ENTRY	N37 19 49.860 W115 20 45.240	7000	
4	T61.01	N37 09 34.500 W115 25 34.500	3822	
5	T61.03	N37 09 05.220 W115 23 30.780	3778	
6	Pegasus.1	N37 18.200 W114 24.200	21000	
7	Pegasus.2	N37 27.400 W114 24.200	21000	
8	SARAH	N36 36 27 W115 18 01.800	12000	
9	GASS PEAK	N36 24 08.400 W115 10 39.600	9000	
10	Nellis AFB	N36 13 32 W115 02 37	3500	

COMMS	
Radio	Usage
1	11/3/4 377.800 / 341.925 (Range 61) 11/4/3
2	134.00

NOTES

VRP: TBRG: 0 RNG 40.000 EVEL 500
PUP: TBRG: 330 RNG 20.000 EVEL 500

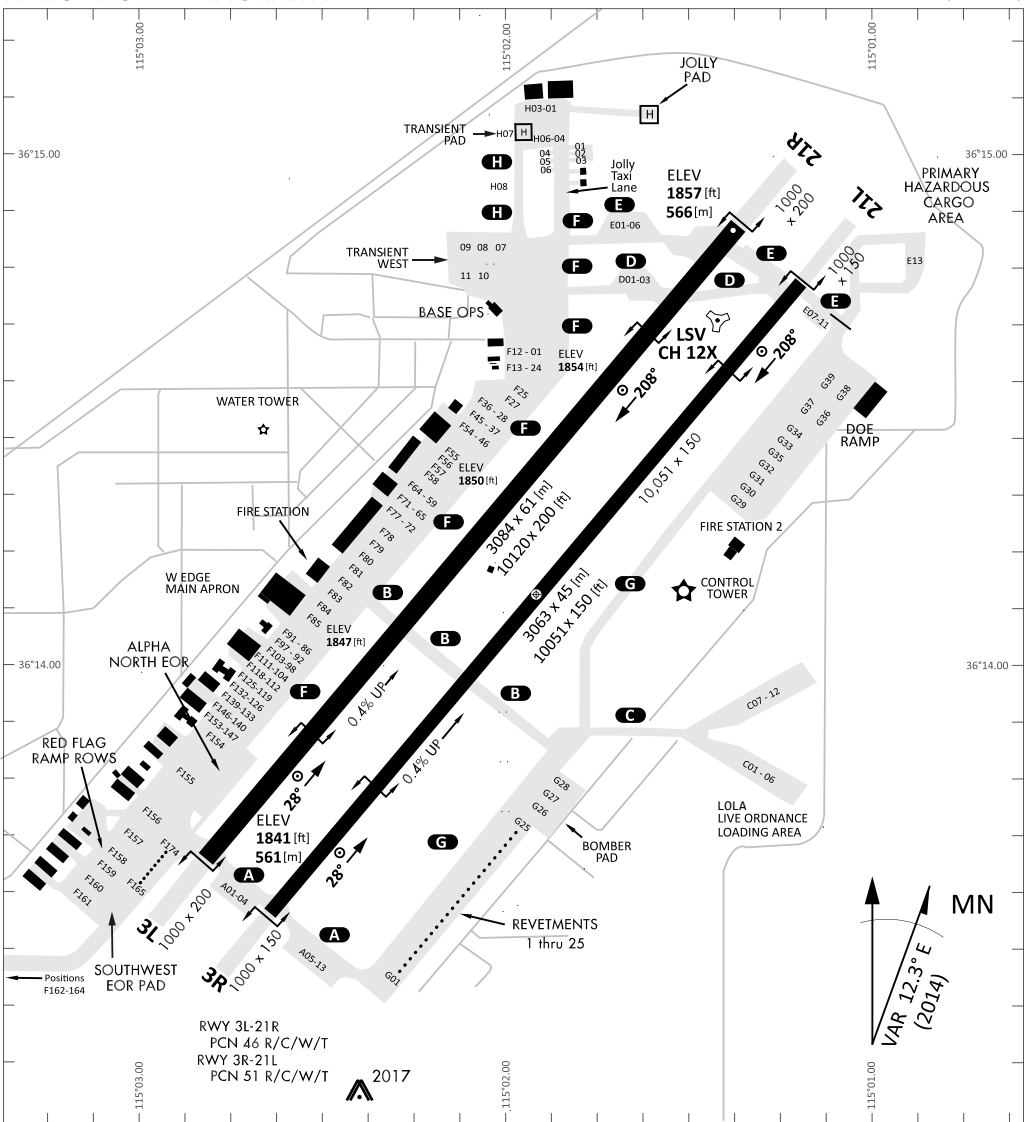
SUPPORT				
Tanker				
Callsign	TCN	Freq	ALT	TAS
TEXACO 2	95Y	289.7	FL220	420
	Pos	Pegasus.1: CDC 166/102 (N3730 W11440)		

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	GrpId	Laser
Raptor 1	Training	4x F-16C	134.0	21/84		156X
	AO	Range 61	Task	Bomb Training - Pop&HD		
Jedi* 2	Training	4x AH-64D	133.5	21/84		156X
	AO	LATNC	Task			
Cougar 1	Training	4x F-14B	261.25	21/84		156X
	AO	SAM Training range	Task	NCR CR #10		
Raptor 2	Training	4x F-16C	134.25	21/84		156X
	AO	Range 61	Task	Bomb Training - Pop&HD		
Tiger	Training	2x F/A-18C	261.15	11/74		155X
	AO	REV NORTH	Task	BFM		

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	
B	A	C	K	S	L	I	D	E	R	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	QSGC	YTL	AIE	BN	HO	FUV	MX	PW	JD	KR
B	ASBF	HCE	MLI	UW	JK	GDP	OQ	RV	XN	YT
C	XFNO	TMJ	QCL	YD	ES	BKV	AP	GI	UW	HR
D	NLOE	JUD	THG	AV	PW	YMK	SF	BC	IR	QX
E	ABCE	KLX	RUM	VG	IQ	WDT	PF	YJ	SN	OH
F	MWEG	VTO	DYK	CN	SI	BJL	RA	FH	UQ	PX
G	JBFA	HLM	COE	SY	XV	DUW	IR	NT	GK	QP
H	PDVU	TJO	HSE	AC	GN	XFY	MQ	WK	IL	BR
I	IPKQ	SUA	GTL	MH	YX	OJW	FV	RN	BE	CD
J	OQUA	FSD	RTB	YC	PH	EMK	NV	XI	WJ	GL
K	TKIN	ECL	QVS	RG	HP	DAO	BF	MW	JX	YU
L	AUHN	RIC	QGX	DK	BW	YLS	OT	EM	PV	JF
M	HNKO	GXB	AEL	QF	CR	TSP	DY	IM	JV	WU
N	KFMG	CWR	SNI	QH	EJ	PXY	UL	DB	VA	TO
O	NHYV	DXP	UWR	OJ	AI	QGK	TC	MS	EL	FB
P	NIXE	TOV	CJY	LW	RP	SAB	QH	FD	KG	MU
Q	EYJI	CHO	FAD	UV	NR	BWS	KM	GP	QL	TX
R	RXHA	UTC	KBW	SG	OQ	FND	MI	YP	EV	LJ
S	KXHB	NMR	GPJ	FQ	VL	DUT	OI	SY	EW	CA
T	TVPE	XMQ	JAK	SY	CU	FDW	NH	RI	OB	GL
U	JLMO	EVG	DWS	FK	IH	XUN	BR	AP	TY	QC
V	EHIS	NJK	ATF	VU	MQ	RYB	CL	XO	DW	PG
W	XLPF	AUK	JST	EB	VG	MRQ	WY	OI	HD	NC
X	UJBW	PKF	MXL	TA	YC	EVO	GR	NS	IH	QD
Y	GXLD	KFY	OIS	TC	NV	BUA	JH	WQ	EM	PR

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 36° 14.060' N 115° 01.058' W	ELEV 1857 [ft] 566 [m]	Scale 1:35'500						
	21L	A B D E	2057 - 0.8 200 (200-0.8/1.6) GS 3°				0	300	600	900	1200	1500 [m]	
	3R	A B D E	2057 - 0.8 200 (200-0.8/1.6) GS 3°				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/V(fpm)	269	538	807	1076	1345	1614
* 3 R (b)	V/V(fpm)	245	490	735	980	1225	1470
† 3 L (c)	V/V(fpm)	498	996	1494	1992	2490	2988
† 3 R (c)	V/V(fpm)	496	992	1488	1984	2480	2976
* 21 L (d)	V/V(fpm)	389	778	1167	1556	1945	2334
* 21 R (d)	V/V(fpm)	395	790	1185	1580	1975	2370
† 21 L (c)	V/V(fpm)	453	906	1359	1812	2265	2718
† 21 R (c)	V/V(fpm)	457	914	1371	1828	2285	2742

* Minimum † ATC Climb Rate

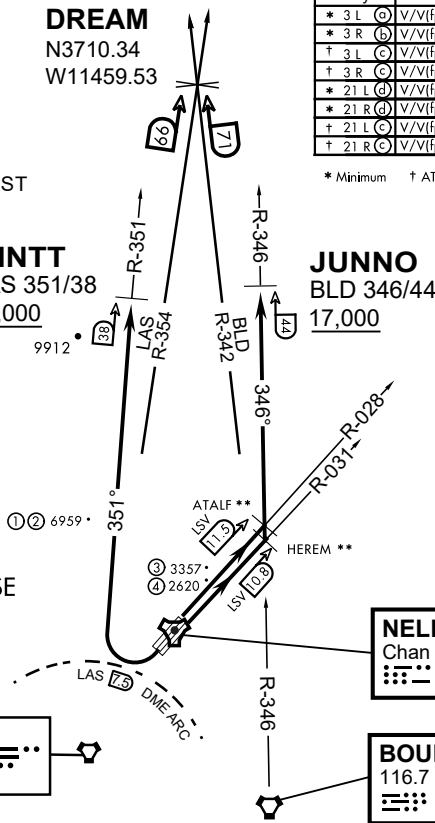
- (a) to 3600
(b) to 3100
(c) to 17,000
(d) to 8500
- ** Lead DME:
ATALF - LSV 9.5
HEREM - LSV 8.8

- 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.

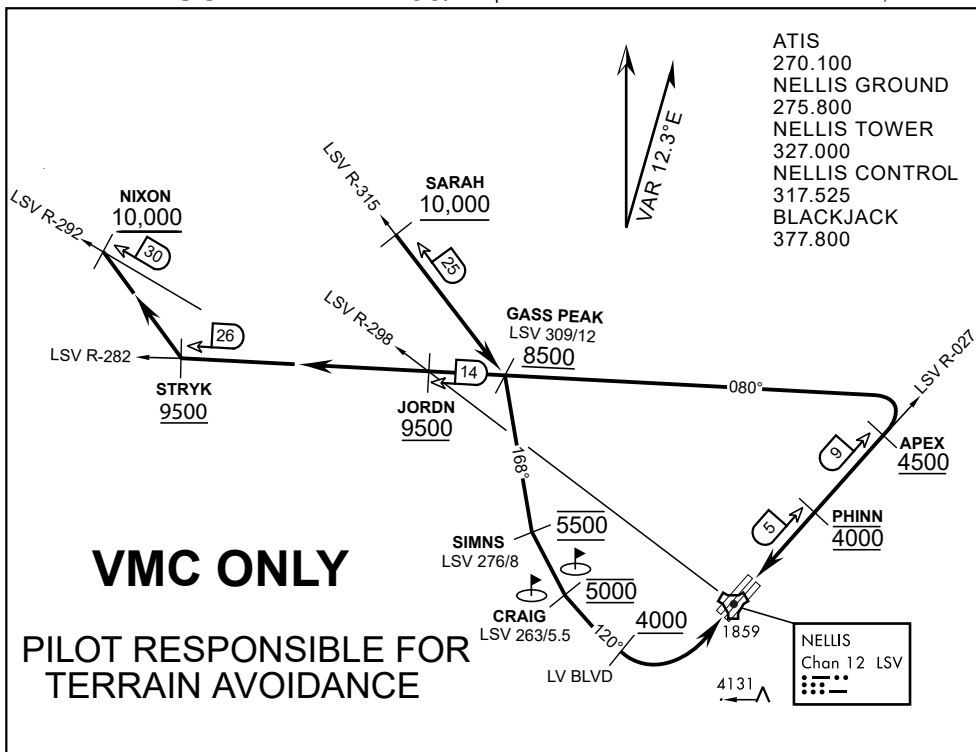
TAKE-OFF RWY 3R

- 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.