

MISSION DATA CARD						
OPORD		Callsign	Mission	Date/Time		
1900/2023		Raptor 1	Training	182000MAY23		
Task	Bomb Training - Two Ship					Freq
AO	Range 61					134.0
Departure			Recovery			
DREAM FOUR			STRYK			
#	Callsign	Pilot	IFF	TCN	LSR	NET
-1	Raptor 1-1	Nerkub	1611	21Y	1561	
-2	Raptor 1-2	Woodman	1612	84Y	1562	
-3	Raptor 1-3	Newbie	1613	84X	1563	
-4	Raptor 1-4	Void	1614	21X	1564	

LOADOUT			
A/A	2xA120C, 2xA9X	GUN	100% HEI-T
A/G	6xM82	CHF	120
POD	HTS, A184, TGP	FLR	0
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	SARAH	N36 36 27 W115 18 01.800	12000	
7	GASS PEAK	N36 24 08.400 W115 10 39.600	9000	
8	Nellis AFB	N36 13 32 W115 02 37	3500	

NOTES

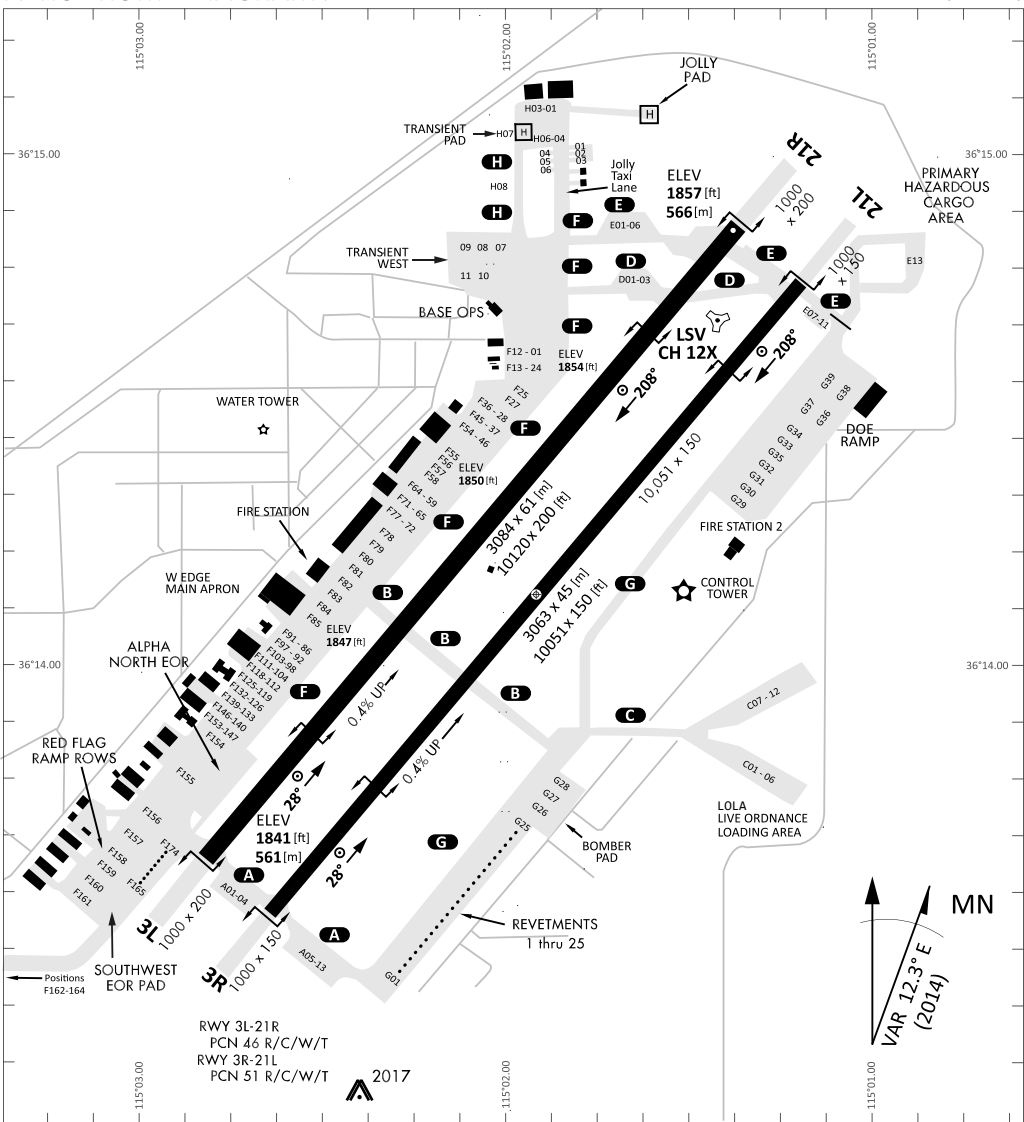
0/45.000 320(#1) 280(#2) 240(#3) 200(#4)/18.000

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Vanguard 1	Training	1x AV-8B N/A	264.55	21/84		156X
	AO	ALAMO A-C	Task			

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	
C	O	M	P	L	A	I	N	E	D	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	VYOU	QLG	SJX	FR	HN	MPA	CW	TE	BK	ID
B	DAJN	XBU	GHS	WE	KY	VLR	OI	TC	FP	MQ
C	XKWM	OFG	LIS	RC	NY	UPE	TB	VJ	AD	QH
D	PDXS	LTE	HWG	YI	NO	QMB	KJ	UV	RC	AF
E	TACS	JFI	ERD	KB	NM	LXP	HY	QO	WV	UG
F	LNUC	WVE	OTM	PH	AS	GRY	DI	XJ	QB	KF
G	ODWX	NTK	EMI	SB	LV	ARH	FG	PY	JQ	CU
H	CVYP	TWR	AEO	LN	BF	USI	JH	DM	KQ	GX
I	KTBY	UFL	HQS	RD	VG	OJE	XN	IC	MA	PW
J	REFQ	XLY	CBI	UW	OJ	MAP	TK	VN	DG	HS
K	HAUN	EWI	QGP	VJ	LS	BRT	XM	KC	DO	FY
L	AWDX	STY	VHM	CP	GF	UIL	BQ	RN	OE	JK
M	INTU	WBK	HRY	AO	VC	SJQ	EG	LM	DX	FP
N	USXA	KGN	JFB	IO	RH	MQD	YC	WV	PE	LT
O	PKYM	LVF	UGT	NE	IA	BWR	HD	CS	XO	JQ
P	GCBQ	XNU	OKI	MY	VR	ATL	PJ	FS	WD	EH
Q	VUHW	MBT	XSJ	IF	AE	GND	CR	KO	LY	QP
R	WTYL	GIM	JDN	UC	HV	OFS	BQ	PK	XE	RA
S	PQBJ	WUL	CRF	VX	MN	OEI	TA	KS	DG	YH
T	SVNC	PUE	HBI	JT	KO	QLR	FA	MW	YG	DX
U	FRXI	ALC	DBM	VW	ET	GPK	YO	HU	QN	SJ
V	YMIS	VFL	CQA	HO	XK	BNG	DJ	PE	UT	RW
W	NSID	MTY	BHR	QU	EJ	CWF	XA	LP	VO	KG
X	RYQK	MNB	GSE	AC	TV	JFU	DO	PW	LX	IH
Y	OCPB	IXS	KWJ	QH	DN	ELF	YA	VR	MT	GU

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.

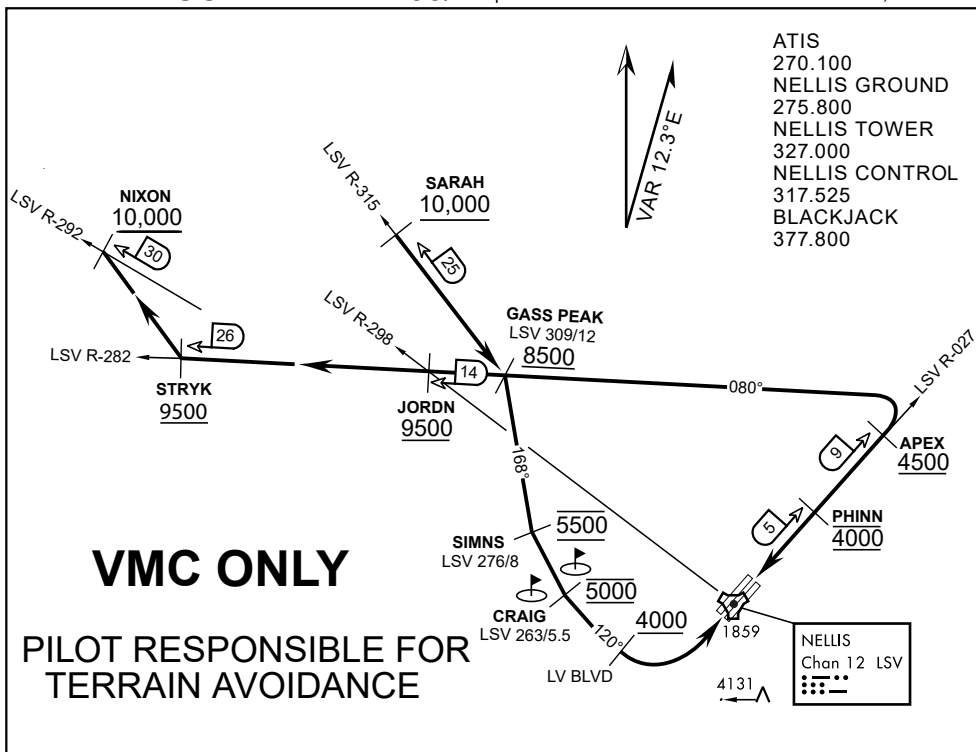
TAKE-OFF RWY 3R

- 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.