

MISSION DATA CARD							
OPORD		Callsign		Mission		Date/Time	
1862/2023		Raptor 1		Training		242000APR23	
Task	Bomb Training - Pop&HD					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	Butcher		1612	84Y	1562	
-3	Raptor 1-3	Void		1613	84X	1563	
-4	Raptor 1-4	Woodman		1614	21X	1564	

LOADOUT			
A/A	2xA120C, 2xA9X		
A/G	6xM82SE		
POD	HTS, A184, TGP		
TKS	2xFT300		

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

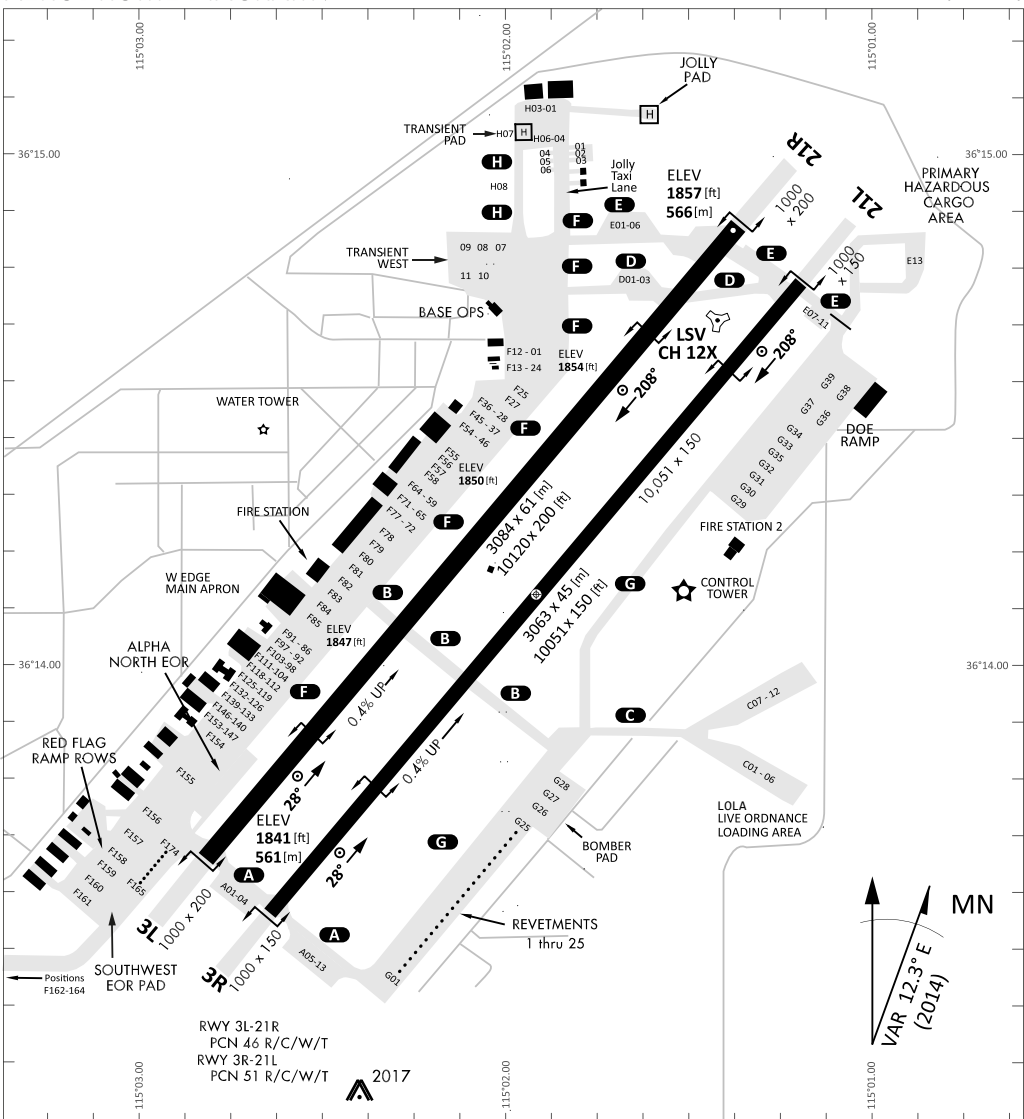
SUPPORT				
Tanker				
Callsign	TCN	Freq	ALT	TAS
TEXACO 2	95Y	289.7	FL220	420
	Pos	Pegasus.1: CDC 166/102 (N3730 W11440)		

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	GrpId	Laser
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		
Raptor 2	Training	4x F-16C	134.25	21/84		156X
	AO	Range 61	Task	Bomb Training - Pop&HD		

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	
P	A	U	N	C	H	I	E	S	T	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	JCTW	RVK	OYH	PF	IS	EAQ	GM	XD	BL	UN
B	IKUP	NLD	WEG	RQ	CA	VXJ	OY	BM	HS	FT
C	JLGI	AOE	KFR	YW	TM	XCS	UP	HV	ND	QB
D	GYBL	AUT	RFV	MJ	CH	SOK	ED	WX	QP	NI
E	JTEQ	IHV	XGM	AD	RK	UPW	CL	FN	SY	OB
F	OSLG	NBE	HFI	VD	AU	CXP	WY	RQ	KM	JT
G	FPSR	MAG	IVL	NT	JO	XYH	WQ	ED	KU	BC
H	DMXK	VPA	WGE	CJ	SB	RYH	QO	UI	TL	NF
I	TVDM	JQI	ARH	GE	UC	NKO	XY	FW	BP	LS
J	FSXE	IGM	RLH	UK	DV	QPT	NW	BJ	OC	YA
K	OIJV	XSK	UTY	BM	AL	GHF	PE	NW	QD	CR
L	PBST	LRH	YVE	UX	IN	G CJ	OM	KQ	FW	AD
M	NYCK	ODF	UGV	XQ	LH	BJA	ES	RM	IT	PW
N	QJGW	BAO	HMN	IL	PX	TCE	VU	SY	RD	FK
O	UQTY	WEP	JIC	AF	OD	RXG	HM	KN	BV	LS
P	NWDT	AVX	KIB	MY	OR	HGC	EP	LS	UF	QJ
Q	LIQS	FAX	BVR	NC	WG	KOD	HM	YU	JP	TE
R	VSGT	UYF	BKH	NW	EQ	PCD	AJ	IM	RX	LO
S	ROEW	FMB	UXP	JY	SN	QCA	KT	DL	HG	IV
T	QGEW	KCD	OMN	FU	JV	YIT	AH	BP	XR	LS
U	EVDJ	TIA	QLC	YF	NW	PGH	UR	XK	BM	OS
V	QPKE	MTR	WYF	XB	CV	JNA	OS	ID	GH	LU
W	ULWY	DBG	AKR	XT	OF	EIN	CS	PQ	MJ	HV
X	KCFP	JRT	OAW	HL	SQ	BGM	ID	EY	XU	VN
Y	DYVB	LOR	CSW	NM	AT	PKX	QH	FJ	EG	IU

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



	RWY	CAT	MINIMA		ARP 36° 14.060° N 115° 01.058° W	ELEV 1857 [ft] 566 [m]	Scale 1:35'500					
PAR	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/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.

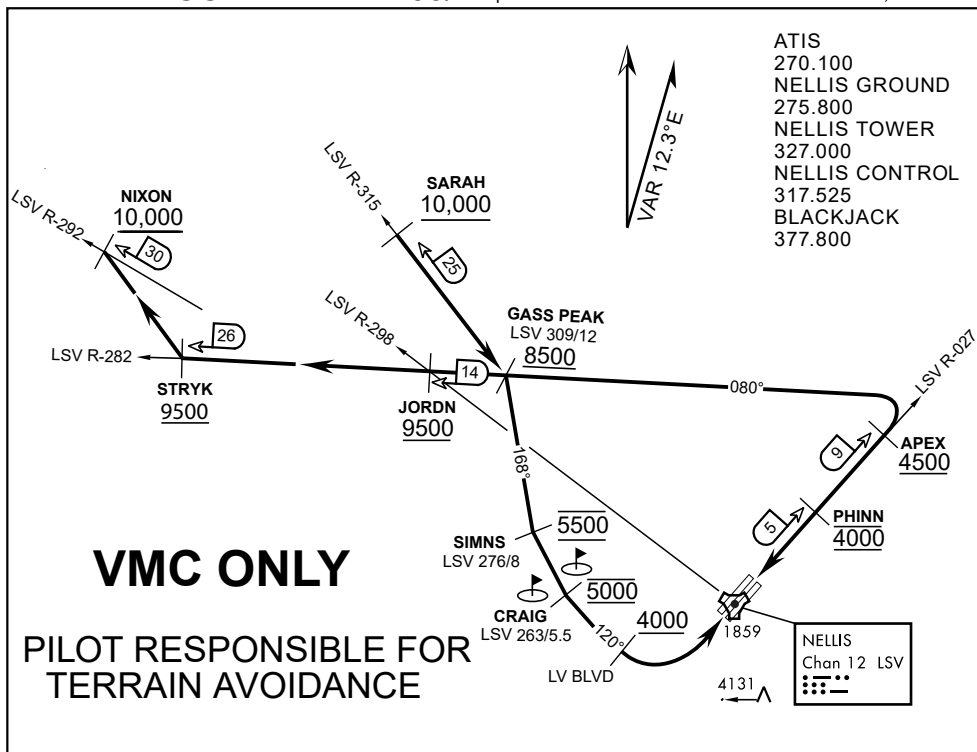
TAKE-OFF RWY 3R

- 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.