

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
893/2022		Lion 1		Training		092000MAY22		
Task	A2A - Fox2 Training 2on2						Freq	
AO	Student Gap						134.0	
Departure				Recovery				
DREAM FOUR				STRYK				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Lion 1-1		Nerkub		1311	41Y	1581	
-2	Lion 1-2		Hercules		1312	104Y	1582	
-3	Lion 1-3		Cyking		1313	104X	1583	

LOADOUT			
A/A	2xA9M		GUN 100% HEI-T
A/G			CHF 0
POD			FLR 120
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	HEREM	N36 22.521 W114 52.306	5000	
2	JUNNO	BLD 346/44 (N36 43.800 W114 52.770)	17000	
3	Student Gap	LSV 349/82 (N37 37 W115)	22000	
4	SARAH	LSV 315/25 (N36 36.450 W115 18.030)	10000	
5	Nellis	N36 14.680 W115 01.500	0	

COMMS	
Radio	Usage
1	3,4,16,4,3
2	134.000

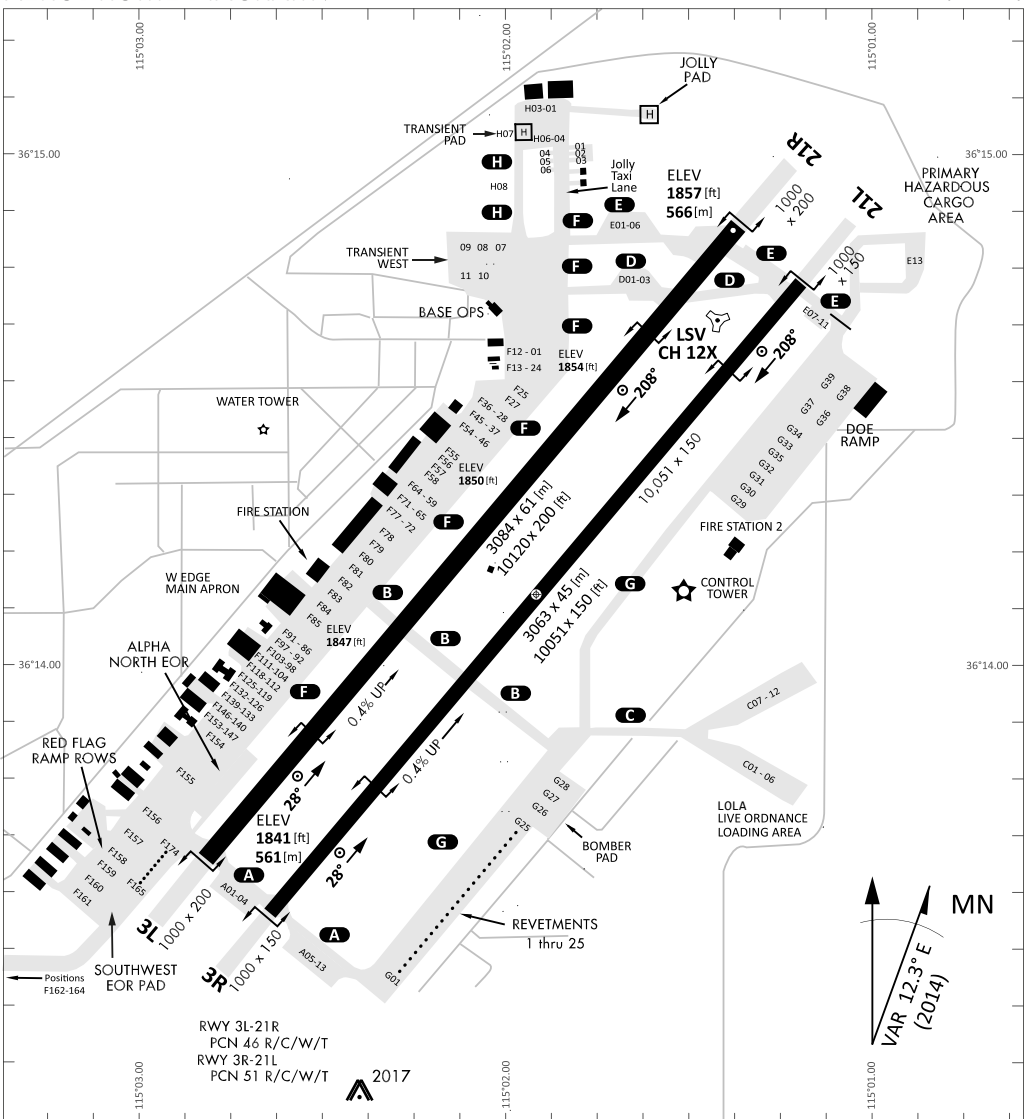
SUPPORT			
AWACS			
Callsign	Freq	ALT	Pos
MAGiC	377.8	FL270	N3749 W11417 - N3713 W11446

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Edelweiss 2	Training	2x AH-64D	133.25	21/84		172X
	AO	Nellis, Winner LZ	Task			
Axe 3	Training	2x AH-64D	133.5	21/84		156X
	AO	LATNC	Task			
Monster 1	Training	2x A-10C	132.15	25/88	21	161X
	AO	Range 62 & 64	Task	JDAM Training		
T-Rex 2	Training	3x A-10C	132.25	27/90	25	165X
	AO	Range 62 & 64	Task	JDAM Training		
Edelweiss 6	Training	2x A-10C	134.65	21/84	40	166X
	AO	SALLY and ELGIN	Task	Tac Turn Training		
Edelweiss 7	Training	4x F/A-18C	134.75	21/84	41	167X
	AO		Task	AAR Training		
Panther 6	Training	4x F/A-18C	261.35	11/74	1	155X
	AO	Bfm Area	Task	A2A		

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	
F	L	U	O	R	I	D	A	T	E	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	SVCI	HGK	XFM	QR	DN	TUB	EJ	WP	LY	AO
B	YCXM	KWG	TDP	IV	NU	OAE	LF	SH	RJ	BQ
C	CJXD	TME	UBG	KI	PY	FVQ	HO	WS	RL	NA
D	WLPM	TRU	ONQ	VE	BA	IXF	JC	SG	DH	KY
E	EMIS	PCA	DJV	LU	HG	BYR	TF	KX	OW	QN
F	NWLQ	OGU	RPJ	YS	VD	KBF	AI	CX	TE	HM
G	HBLC	QED	VKX	NR	AP	IST	GU	YF	OM	WJ
H	FAVL	HED	SMB	OR	YN	ICQ	PT	KG	UX	JW
I	HFJA	YIR	VWS	TX	KC	QUO	LG	BN	MP	ED
J	KGWO	LPE	NVU	ST	MH	RCB	DJ	XY	IQ	AF
K	CJTA	URD	BGY	LE	QH	FXW	IP	NK	OV	MS
L	OUXI	LQY	JHC	RB	WK	PAE	FN	MG	VD	ST
M	PMJR	NLF	VBT	OK	DI	SUA	HQ	GY	WX	EC
N	FONM	IVX	DHR	CB	YJ	UKP	WL	AS	GE	TQ
O	ABMN	FJR	UHW	PY	CT	XVQ	LO	SK	GE	ID
P	NRUQ	CMK	WOX	ES	GH	BVA	LY	PI	DT	JF
Q	KWOX	ERM	QGY	BC	TV	JFS	PD	AH	IU	NL
R	HMWI	QJY	XPD	AV	NL	SBO	KF	ER	UG	TC
S	LICN	JWT	QAD	RG	SY	BPM	OE	UF	XH	VK
T	TIUC	AWM	RVH	EO	KX	SGN	FD	LB	QY	JP
U	IYMV	CHG	QLJ	OD	EW	SUF	BT	RX	PN	AK
V	PYTR	IHE	SAK	UJ	CW	QBF	OG	XM	VD	LN
W	DTNQ	LBI	APJ	OE	RF	HWM	KU	SC	VX	GY
X	VHQG	LBN	ATI	WM	RX	KCS	DE	YO	PU	JF
Y	GXUV	YMJ	TBE	SH	NA	OWD	CF	KQ	IR	PL

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	RWY	CAT	MINIMA	ASDA	LDA	PSN THR	ALS
	21R	A C D E	2257 - 1.2 350 (350-1.2/1.6)	11051 [ft] 3368 [m]	10051 [ft] 3063 [m]	36°14.043°N 115°01.018°W	⊕
	3L	A C D E	2257 - 1.2 350 (350-1.2/1.6)	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.

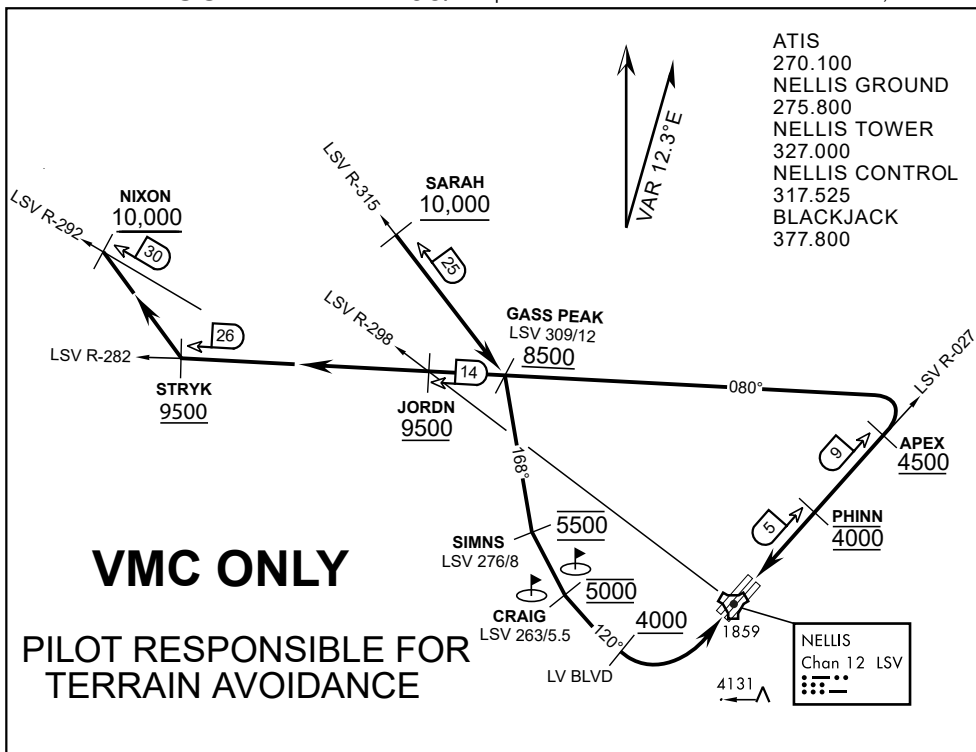
TAKE-OFF RWY 3R

- 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.