

MISSION DATA CARD						
OPORD		Callsign		Mission		Date/Time
826/2022		Cougar 1		Training		252000APR22
Task	Night Flight					Freq
AO						261.25
Departure				Recovery		
DREAM FOUR				TACAN RWY 21L		
#	Callsign	Pilot		IFF	TCN	LSR NET
-1	Cougar 1-1	Striver/Uta		1111	21Y	1561
-2	Cougar 1-2	Bane/Lempo		1112	84Y	1562
-3	Cougar 1-3	Newbie		1113	84X	1563

LOADOUT			
A/A	2xC9M		GUN 100% HEI
A/G			CHF 140
POD			FLR 60
TKS			FUEL 100%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	16200				

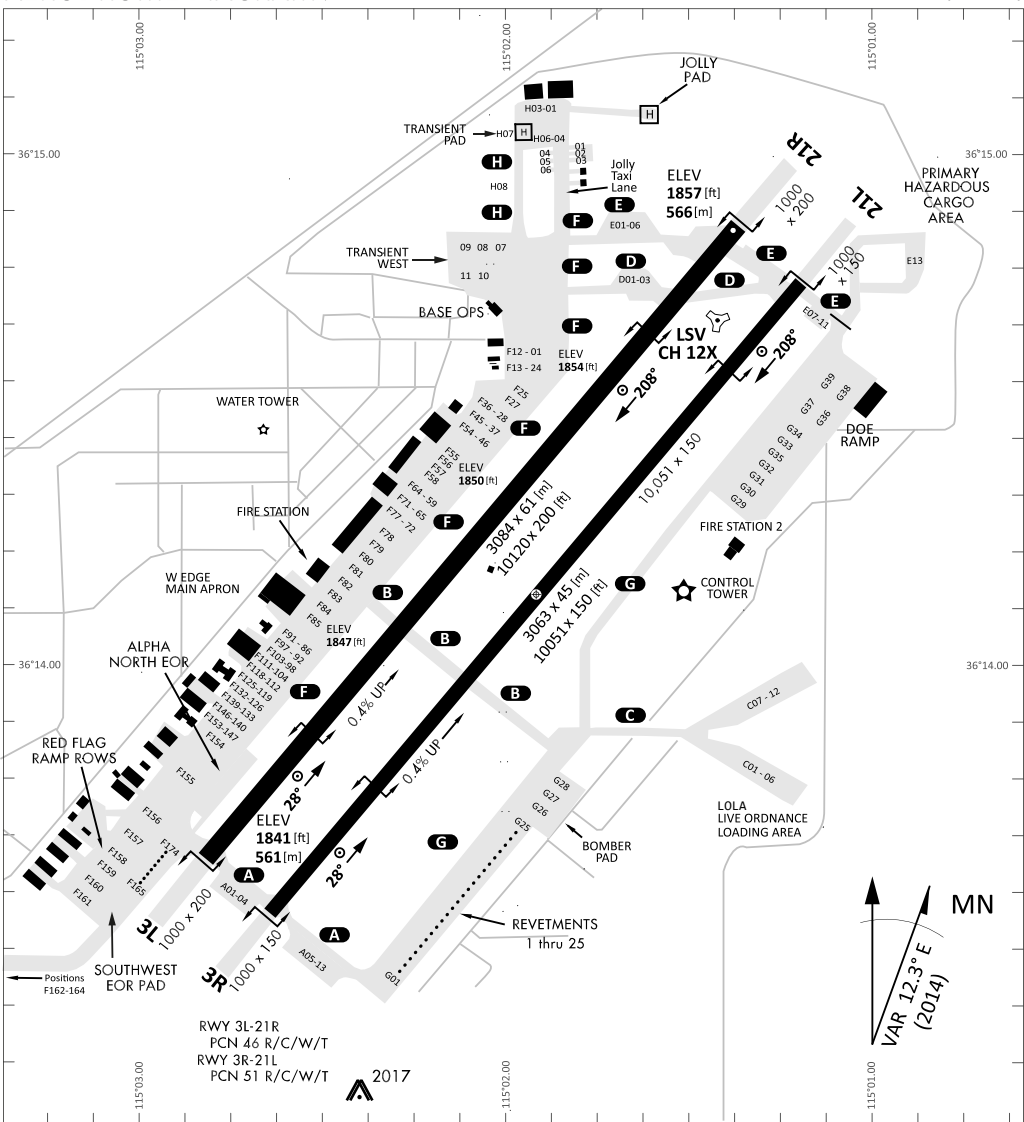
AIRBASES								
	Name	TCN	ATIS	GND	TWR	RWY	Elev	ILS
Dep	Nellis AFB	12X	270.1	275.8	327.0	21L	1850	109.1
Arr	Nellis AFB	12X	270.1	275.8	327.0	21L	1850	109.1

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Nasty* 5	Training	1x Ground	34.5	21/84		156X
	AO	R62	Task	CAS Training		
Jedi* 4	Training	1x Ground	35.5	21/84		156X
	AO	R65	Task	CAS Training		
Edelweiss 1	Training	2x AH-64D	264.15	21/84		171X
	AO	Nellis, Winner LZ	Task	BFT		
T-Rex 2	Training	3x A-10C	133.5	27/90	15	157X
	AO	Range 62	Task	CAS für JTAC		
Monster 1	Training	2x A-10C	131.5	27/90	25	155X
	AO	Range 62	Task	JTAC CAS Training		
Boar 3	Training	2x A-10C	132.35	27/90	23	156X
	AO	Range 65	Task	CAS für JTAC		
Edelweiss 2	Training	2x F/A-18C	264.25	21/84	4	174X
	AO		Task	Formation Training		
Panther 5	Training	2x F/A-18C	261.35	31/94		157X
	AO	74A	Task	HARM		
Monster 4	Training	2x A-10C	131.5	27/90	25	155X
	AO	Range 64	Task	JTAC CAS Training		
Monster 1	Training	2x A-10C	131.5	27/90	25	155X
	AO	Range 64	Task	JTAC CAS 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	
T	O	U	C	H	I	N	G	L	Y	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	HJMA	CPL	VDK	ET	FB	IWS	YX	GU	QR	NO
B	YQWV	OAS	TCH	FP	UX	LRD	MN	GJ	BE	IK
C	AIHR	EJY	QMB	UL	WO	VPT	CK	FD	XS	GN
D	VDJR	AYC	LEX	QW	ON	UBH	IK	TM	PG	SF
E	EDKG	NFQ	OXB	TI	AC	WUJ	VH	MP	LY	SR
F	KQEP	LTX	ORA	IH	CN	JBW	FV	MU	YS	DG
G	BNAD	IGJ	CKF	OW	ER	STM	QL	YP	VH	UX
H	QAKO	DCF	JHE	GV	LP	IUR	SB	XT	WM	NY
I	GCTM	IAX	UYH	BV	KS	FRE	PW	DO	JQ	LN
J	XWMN	DTJ	IVC	FU	RB	PEA	KL	SG	OH	YQ
K	DUNS	TFX	WBG	OI	AC	MPQ	EH	VY	RJ	KL
L	RSTH	FEK	PWQ	VC	AN	BYL	UD	IG	MJ	XO
M	SCWB	AJX	TPH	NI	QR	MVE	DO	GK	YU	FL
N	RSYG	IWB	DEQ	JF	HC	PON	VL	MA	TX	KU
O	SULV	RQY	MKH	AJ	DN	TIO	EC	FW	XP	BG
P	JQAC	BWT	YHG	FO	KM	RPI	NL	XD	EU	VS
Q	ALDX	BPQ	KYU	JV	RO	INE	SG	MH	WT	FC
R	HFAR	CMU	QTI	SY	WV	JBE	LP	DX	NO	GK
S	PNHQ	XVK	DGU	TI	BR	OYW	LJ	SM	AF	EC
T	YGLF	OPX	TUB	JI	SK	VEC	MN	HR	DW	QA
U	ENJH	PQL	COA	VG	XU	MDW	BY	KI	SR	TF
V	KQXO	YLU	DIG	JT	RE	FAC	PW	NM	BH	SV
W	UMNA	RPJ	HOE	XF	LD	TCB	IY	GK	VQ	WS
X	PGYD	TJF	XSV	ON	IE	LMB	CH	QK	RA	WU
Y	DSKG	UBX	ECT	PQ	WR	FVO	IY	LM	NH	AJ

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/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

SW-4. 23 SEP 2010 to 21 OCT 2010