

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
1839/2023		Raptor 1		Training		202000APR23		
Task	Bomb Training - Pop Up					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		Cyking		1613	84X	1563	
-4	Raptor 1-4		Newbie		1614	21X	1564	

LOADOUT			
A/A	2xA120C, 2xA9X		
A/G	4xM82		
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	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	

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

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	GrpId	Laser
Rattler 2	Training	4x AH-64D	133.5	21/84		125X
	AO	LATNC	Task	Formations		
Vanguard 1	Training	1x AV-8B N/A	264.55	21/84		168X
	AO	Range 64A	Task	Bombing Training		
T-Rex 2	Training	4x A-10C	132.25	27/90	25	165X
	AO	Creech AFB	Task	Emergency Procedures		
Panther 3	Training	4x F/A-18C	261.35	31/94		157X
	AO	Range 75-43	Task	Training AGM65F		
Cougar 1	Training	4x F-14B	261.25	21/84		156X
	AO		Task			
Monster 2	Training	4x A-10C	132.15	27/90	21	164X
	AO	R62	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	
T	H	U	M	B	S	C	R	E	W	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	FHVO	NBG	ECY	DU	IL	WXR	KJ	TS	QA	PM
B	DTOR	VSN	KUW	MB	GA	LIF	EC	HQ	PJ	YX
C	AFKP	QID	GCU	TO	LJ	BYS	XN	VH	WM	ER
D	OWJB	IFG	DTA	PQ	EK	SYV	NU	CH	MR	XL
E	GAFS	VHW	CKE	XJ	DO	IYT	MR	NB	PQ	UL
F	GUIB	MVK	WFH	LT	SX	RYC	QO	JE	AP	DN
G	HAWU	QDK	BCV	EF	RL	SMO	IY	JN	PX	TG
H	VEHP	YFD	RTU	LB	JA	OGQ	CI	XS	NM	WK
I	FPUA	KTW	QNE	YH	BV	CMD	LO	RG	XJ	SI
J	KWAX	VCI	SRU	GH	YM	LDF	QN	TJ	OE	PB
K	NHXI	VPO	DYE	SJ	WK	FGL	QU	BC	AM	RT
L	HBWV	TLR	GYO	JU	AE	SPD	QX	CN	IK	MF
M	IRTL	VCN	BUP	EA	DM	QYO	FS	JG	HW	KX
N	RFSE	AJT	VQP	KH	OW	UBN	IX	GL	DY	CM
O	PTWO	AUV	SBC	DE	RY	KQG	IJ	FH	XL	NM
P	IWUO	PMD	TJC	NY	AL	HEF	XV	RS	QB	GK
Q	GHPA	VEO	FNT	IM	WK	UYB	SL	CQ	DX	RJ
R	GFIX	QCA	SDU	KM	YT	RNL	BP	VE	WO	JH
S	YUGH	KRQ	OBS	JC	PW	TNF	IL	XM	VE	AD
T	IAUX	QKC	YTD	SG	HR	OEM	LW	PJ	VB	NF
U	HNTD	PJC	XUY	BV	MO	GIL	QK	FA	RE	WS
V	KUJP	QCT	HIY	MW	BG	ELN	AX	DO	RV	SF
W	YFBD	HCR	OQS	MV	IU	NEA	XJ	LK	PT	WG
X	UCPY	IEA	DTV	OB	RH	JLX	WN	QS	KM	FG
Y	PBXO	WTS	DAU	LF	GI	RVQ	JE	HY	KM	CN

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	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

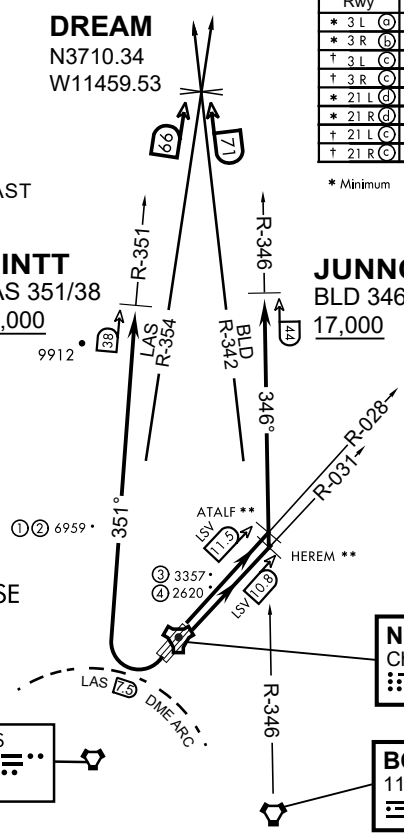
NOT FOR CIVIL USE

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



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.