

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
1921/2023		Raptor 2		Training		152000MAY23		
Task	Bomb Training - Two Ship						Freq	
AO	Range 61						134.5	
Departure				Recovery				
DREAM FOUR				STRYK				
#	Callsign		Pilot		IFF	TCN	LSR	NET

LOADOUT			
A/A	2xA120C, 2xA9X		GUN 100% HEI-T
A/G	6xM82SE		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

0/40.000 270/230/20.000 250/170/20.000

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	Grpld	Laser
Raptor 1	Training	4x F-16C	134.0	21/84		156X
	AO	Range 61	Task	Bomb Training - Two Ship		
Devil* 6	Training	2x Ground	33.25	21/84		156X
	AO	R62 (no Gotham)	Task	JTAC		
Fury 5	Training	2x Ground	33.5	21/84		156X
	AO	R66 Leach Lake	Task	JTAC		
Panther 7	Training	2x F/A-18C	261.35	21/84	41	167X
	AO	Range 66 - Fury5	Task	CAS/JTAC Training		
Tiger 1	Training	2x F/A-18C	261.15	21/84	1	161X
	AO	Range 66 - Leach Lake	Task	CAS/JTAC Training		
Cougar 1	Training	4x F-14B	261.25	21/84		156X
	AO		Task			
T-Rex 2	Training	2x A-10C	132.25	27/90	25	165X
	AO	R62	Task	CAS		
Monster 1	Training	2x A-10C	132.15	27/90	21	165X
	AO	R62	Task	CAS		
Raptor 2	Training	4x F-16C	134.5	21/84		156X
	AO	Range 61	Task	Bomb Training - Two Ship		

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	
D	E	F	A	U	L	T	I	N	G	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	RHJT	MKA	EDB	GX	UN	OCQ	PF	IW	VY	SL
B	IYRG	BJU	OPK	SM	XL	VDH	AF	TQ	NE	WC
C	VSDL	TMX	WBA	UE	YO	IKP	HR	NF	CG	JQ
D	QDET	OYC	BVS	GP	LM	HAI	XJ	NU	WF	KR
E	FTMI	YQL	AGJ	DH	VN	RCX	WE	SP	BU	KO
F	QHMN	YXD	GCV	IO	FA	TLP	JR	US	WE	KB
G	QTVY	WKM	IXB	NL	FD	UCS	AJ	EG	RH	OP
H	EJOF	CUM	AQL	DR	WB	GVN	XP	YT	SH	KI
I	UKMV	JQW	YCI	RH	AL	XEF	TS	PB	ND	OG
J	SVQW	XOJ	REY	MC	AI	FNK	GP	DU	BL	HT
K	CDJY	LWF	AIU	BX	OG	TSH	QR	MN	KE	PV
L	GSIQ	UPK	OXV	NA	JL	BFT	EY	HD	CM	RW
M	BOVM	JSF	QDX	CI	HT	NWR	LU	KY	GP	EA
N	GUQX	ANB	CRV	KI	OS	WHE	LM	YD	FJ	PT
O	CVAM	XFS	TKI	LG	RE	WUQ	BH	PD	NY	OJ
P	JMFU	IKC	EAX	NT	DG	QPW	HO	SV	BL	RY
Q	XLWR	GCT	JYB	UK	MI	QFS	AO	NV	PD	EH
R	IKHA	QOE	BJX	ND	VT	YMP	SC	LF	UG	RW
S	RASN	HEK	JDQ	WP	LM	YCT	UI	GV	OB	XF
T	VGPO	IRW	MAT	SD	EJ	YKL	QH	FU	XB	NC
U	OYGD	WKB	HEN	LI	CA	SXV	FU	RM	JP	QT
V	GKAU	EXF	JYD	CR	NH	VMP	WT	QO	SL	IB
W	GTVY	JBC	KQF	UD	OW	AHP	ML	RI	EX	NS
X	OLNC	DQT	KMP	FH	UY	XEA	VG	WS	BJ	IR
Y	LVRI	WQH	YUA	FG	XO	ETS	NC	DJ	KB	PM

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
	21L	A B D E	2057 - 0.8 200 (200-0.8/1.6) GS 3°	36° 14.060° N	1857 [ft]	1:35'500
	3R	A B D E	2057 - 0.8 200 (200-0.8/1.6) GS 3°	115° 01.058° W	566 [m]	0 300 600 900 1200 1500 [m]
SRA	21R	A C D E	2257 - 1.2 350 (350-1.2/1.6)			0 1000 2000 3000 4000 5000 [ft]
	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

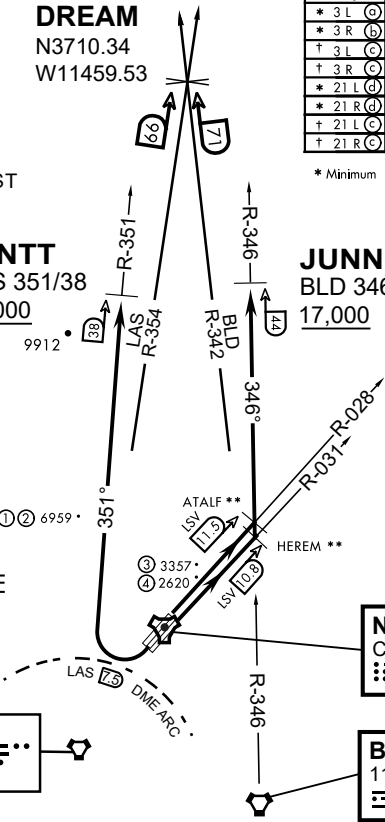
CAUTION: If unable to comply with restrictions advise ATC prior to departure.

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.