

MISSION DATA CARD								
OPORD		Callsign		Mission		Date/Time		
360/2021		Lion		Training		112000NOV21		
Task	AAR CCRP/105 R74C						Freq	
AO	Range 74C						134.0	
Departure				Recovery				
DREAM FOUR				STRYK				
#	Callsign		Pilot		IFF	TCN	LSR	NET
-1	Lion-1		Nerkub		1301	41Y	1581	
-2	Lion-2		Cyking		1302	104Y	1582	
-3	Lion-3		Poet		1303	104X	1583	

LOADOUT			
A/A	2xA120C, 2xA9X	GUN	100% HEI-T
A/G	2xC97	CHF	60
POD	TGP	FLR	60
TKS	2xFT300	FUEL	50%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	7587				

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
Div	Creech AFB	87X	290.45	275.8	360.6			

FLIGHTPLAN				
#	Name	Navaid/Coords/DME	ALT	TOT
1	T74.04	N37 24.405 W116 14.053	5414	
2	T74.06	N37 30.709 W116 15.241	5389	
3	T74.08	N37 29.544 W116 14.726	5324	

NOTES

Notes:

- Depart Dream 4
- Direkt to Tanker East
- Head T74 via Blue Route / North of Container (BFM) - Assist via Tacan Nav
- Two Bomb Runs with CBU-105, recon with TGP and CCRP Drops
- [Optional] Simulated flameout Landings Creech

T74.04 Located centrally on old airfield. Consists of 4 vehicles and a container building. (LISTENING POST)

T74.06 Consists of 7 vehicles in echelon formation. (SCUD RESUPPLY CONVOY)

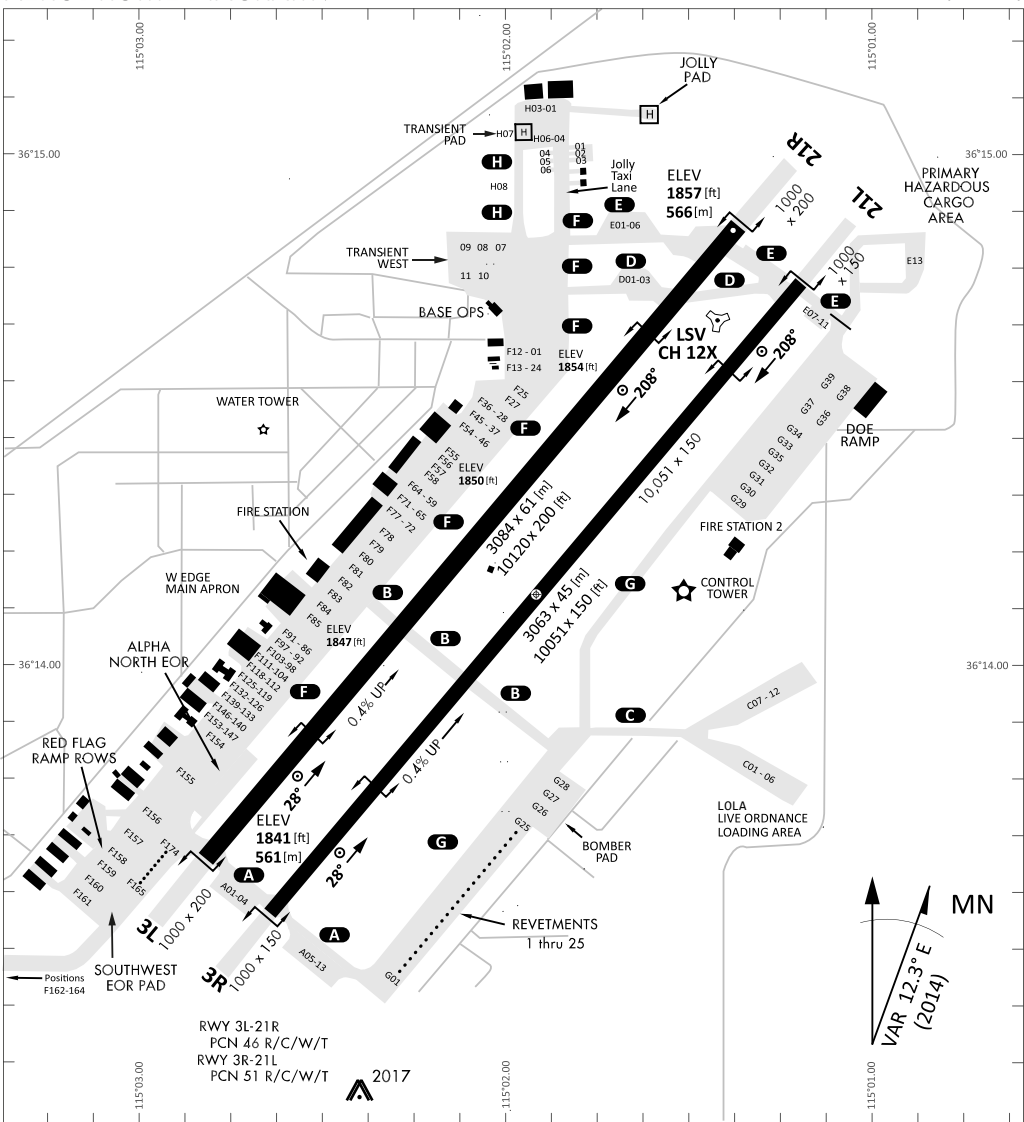
T74.08 Multiple launch and support vehicles with defensive tanks. (SCUD LAUNCH AND SUPPORT SITE)

OTHER FLIGHTS						
Callsign	Mission	Airframe	Freq	TCN	GrpId	Laser
Edelweiss 6	Training	3x A-10C	134.65	21/84	40	166X
	AO	LATN WEST	Task	BJT Checkride		
Edelweiss 7	Training	3x A-10C	134.75	47/110	41	167X
	AO	Creech AFB below 9'000ft	Task	Emergency Procedures		

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	
L	U	B	R	I	C	A	T	E	D	
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	ATKB	NDR	HFY	GJ	CE	LXO	VI	MP	WU	QS
B	JMLP	OVK	EWB	YI	SF	NTD	CR	GQ	UA	HX
C	JATO	CHP	YXK	DW	FU	GIM	SE	RL	BQ	NV
D	FMCY	QRI	DGK	EL	JS	WXN	OT	VA	PU	BH
E	OLKN	SBX	MDW	TV	UR	GJI	CH	AP	YQ	EF
F	NTIL	QJM	KPE	OX	AV	FYR	UC	WG	DH	SB
G	FSYB	ANR	QKG	XE	HV	TWC	PM	IJ	DL	OU
H	UVNI	FGT	XAR	CM	WS	KDO	YB	PE	LQ	JH
I	VBTE	UGY	SKR	OF	XJ	ILN	DW	MP	CH	QA
J	TCKM	JSN	EWf	GL	PR	HDA	XI	YV	UB	OQ
K	TUPG	YXA	NIF	LS	RH	EBM	DC	WJ	OK	VQ
L	HJLE	WIN	DMP	VK	BU	GCO	YT	SQ	RA	FX
M	YOUM	WXF	IBS	AK	NL	QTD	HR	PV	EJ	GC
N	EFOY	UGS	LPW	BV	HA	RKD	NT	MX	JI	CQ
O	FKWV	JGM	DOB	SP	CL	HIT	RE	XU	AQ	NY
P	YFQW	AKP	VHU	NC	RB	LOX	EG	MT	SI	DJ
Q	UPMV	HIO	LTK	CQ	ED	JSN	WF	AR	XG	BY
R	MBTR	GKL	PJE	ON	YF	DUI	WQ	VX	CS	AH
S	ALIN	KQD	GBH	UF	WE	CTP	MO	VX	JS	YR
T	QMTG	VIN	YEC	UX	OR	DSA	HJ	FK	LP	BW
U	PCQN	IXF	ODE	BL	TM	AYW	GH	SU	VK	RJ
V	KCBH	QNU	JFY	LT	PE	DXA	OW	MR	IG	VS
W	YDMB	QJH	PCO	GS	FN	WTV	LK	RI	XU	AE
X	BCGV	RTX	PUJ	IQ	SA	MOW	DH	EF	NL	KY
Y	OWJG	FEX	QBI	UR	YD	HNA	CS	VP	TM	KL

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.

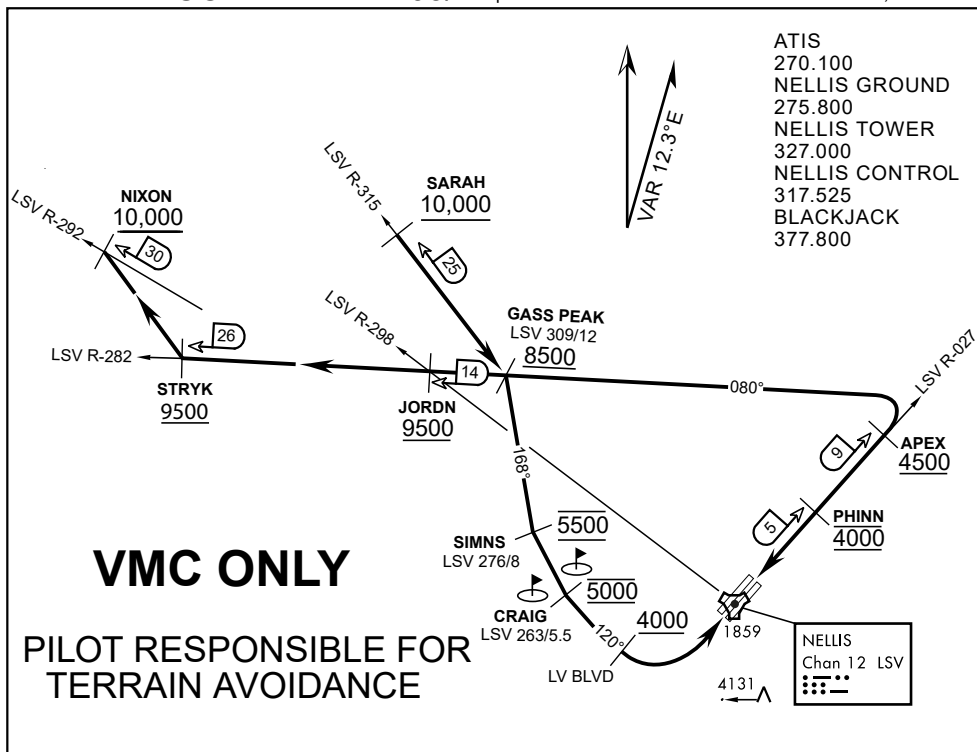
TAKE-OFF RWY 3R

- 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



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.



INDIAN SPRINGS, NEVADA

TACAN INS Chan 87	APCH CRS 065 °	Rwy ldg TDZE 3133	3002 3113
		Arpt Elev	3113

INDIAN SPRINGS AF AUX (KINS)

T	* MISSED APPROACH: Straight ahead to INS TACAN, intercept INS R-outbound, cross 17 DME at or above 9500, then direkt KSV TACAN	114
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NELLIS CON -	CREECH AFB TOWER 118.30 660.60	GND CON -
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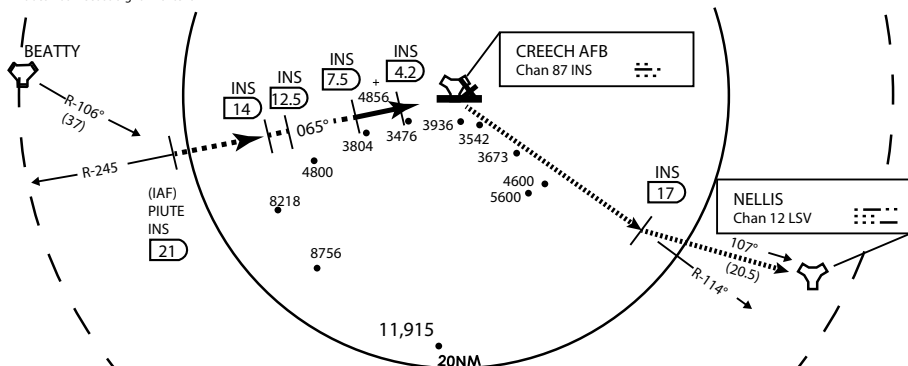
NOT FOR CIVIL USE

FOR USE UNDER BASIC VFR
WEATHER MINIMUMS ONLY

PILOT IS RESPONSIBLE
FOR TERRAIN/OBSTACLE
AVOIDANCE AND
APPROPRIATE VFR CLOUD
CLEARANCE FOR ALL

CAUTION: Descent gradients
are greater than allowed under standard
TERPS criteria and inbound course
does not meet straight-in criteria

CAUTION: Final approach course crosses
Runway centerline at MIDFIELD. Maneuvering
left of course required prior to landing. Do not
Maneuver farther north than the INS R- 258



* CAUTION: Missed Approach Climb Rate to 4,700

Knots	60	120	180	240	300
V/V (fpm)	230	460	690	920	1150

Controlling Obstacle

HIGH ALTITUDE FACILITIES

EMERG SAFE ALT 100 NM 14,000

					ELEV 3129	
					MIRL Rwy 8-26	
CATEGORY	A	B	C	D	E	
S-8	3760-1 ½	627 (700-1 ½)	3760-1¾	627 (700-1¾)	3760-2	627 (700-2)
CIRCLING	NOT AUTHORIZED					

CITY OF INDIAN, NEVADA

INDIAN SPRINGS AF AUX (KINS)

(FOR DAY VFR USE ONLY)

Modified by vJaBoG 66 for use with DCS

NOT FOR REAL LIFE NAVIGATION



