

DCS SA 342 “Gazelle”

Pilot’s Handbook



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Procedures

Startup

- Battery (BATT) switch on
- Alternator (ALT) switch on
- Generator (GENE) switch on
- Fuel pump (POMPE) switch on
- Stopwatch start
- Stopwatch check 20 s
- VHF AM Radio switch on
- VHF AM Radio dial ground/tower FRQ
- VHF AM Radio request startup
- Cockpit doors check closed
- Anti-Collision light switch switch normal (NOR)
- Navigation lights selector .. switch steady (FIX)
- Collective check fully down
- Engine starter (DEM.) switch on

- Green start light (DEM.) check lit
- Yellow idle light(RLT) check lit
- Rotor brake set fully fwd
- Green light (DEM.) check unlit
- Fuel flow lever off increase until rotor spins
- RPM turbine/rotor wait to match
- Fuel flow lever gradually increase
- Pitot heat (PITOT) switch on
- Trimmer (TRIM) switch on
- Magnetic brake (DEBR. EFF) switch on
- Gyro set GM
- Stopwatch check 2 min for Gyro online
- Nadir set standby (VEILLE)
- Nadir check lit ERR AIR NAV
- Autopilot Master switch on
- Autopilot Channel Roll/Pitch/Yaw switch on
- Radar altimeter uncage
- Dangerous radar altitude set

- Attitude indicator uncage
- Attitude indicator set neutral
- Standby attitude indicator uncage
- Standby attitude indicator set neutral
- FM radio switch on (TRAFFIC)
- FM radio channel select channel
- UHF radio mode selector switch on (FF)
- UHF radio wait 12 s for tone
- UHF radio check display steady
- UHF radio set FRQ
- UHF radio confirm FRQ (VLD)
- Nadir check no warnings
- Nadir set land (TERRE)
- Nadir set up flight plan
- ADF radio as needed

Navigation

NADIR

Show Wind Data



Select Waypoint



Course/Estimated Time Enroute (ETE)



Bearing (BRG)/Distance (DIS)



Enter Waypoint (LAT/LON)



Entering Waypoint (BRG/DIS)



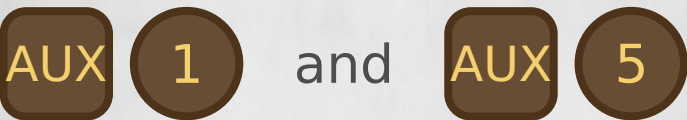
Ground Speed



Pitch/Roll



Test



Overview



Weapons

HOT3-Anti-Tank-Missile

HOT3-Specs	
Max. range	4.400 m
Eff. range	1.000 m-4.300 m
Max. lateral firing dev.	2.5°
Length	1.3 m
Body diameter	0.15 m
TNT equivalent	6.5 kg
Guidance	by wire
Weight	23.5 kg

MBDA Mistral Missile

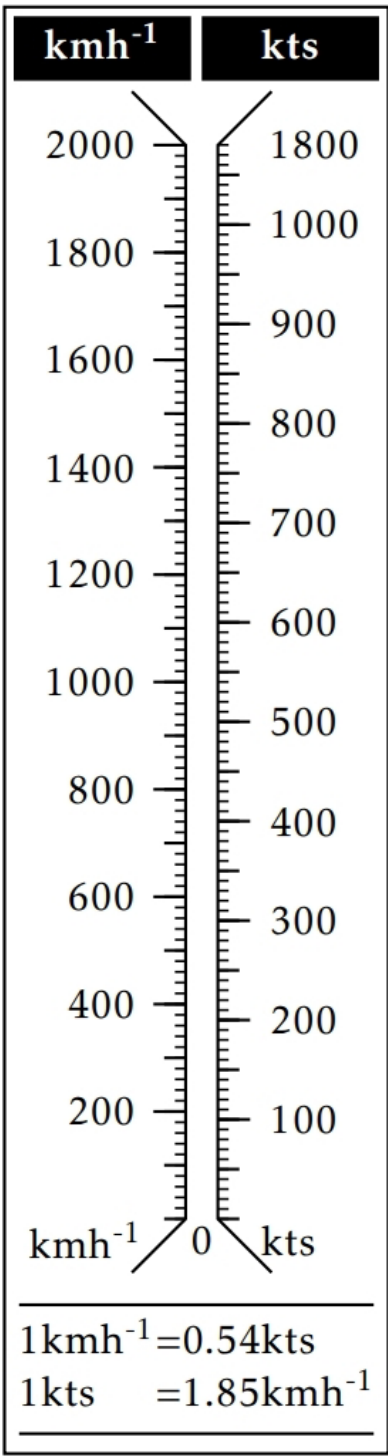
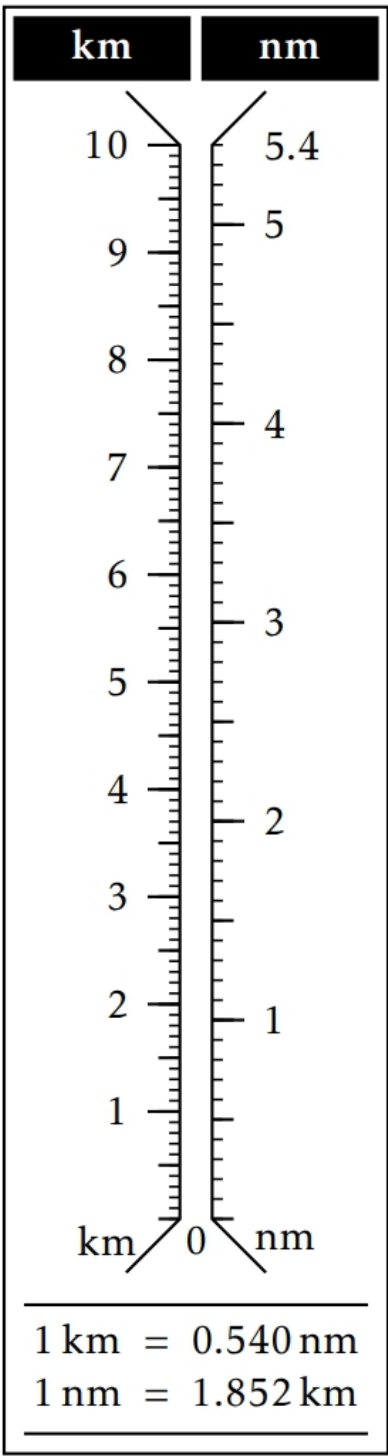
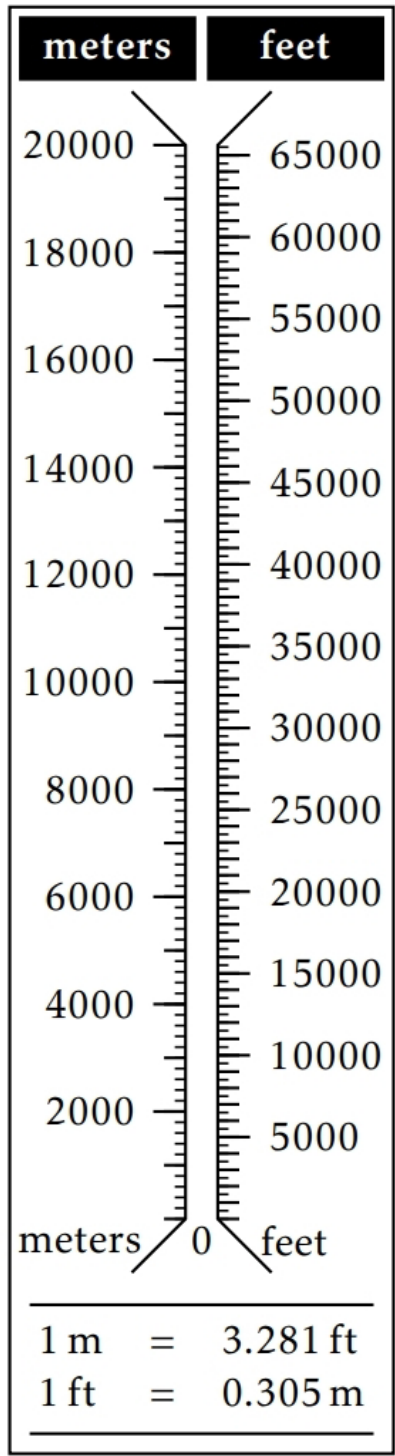
Mistral-Specs	
Max. range	5.000 m
Eff. range	1.000 m-4.000 m
Length	1.8 m
Body diameter	0.09 m
TNT equivalent	3.0 kg
Guidance	passive IR seeker
Weight	18.7 kg

Communications

FM Radio Default Channels

Ch	Frequency
1	30.000 Mhz FM
2	31.000 Mhz FM
3	32.000 Mhz FM
4	33.000 Mhz FM
5	40.000 Mhz FM
6	41.000 Mhz FM
0	42.000 Mhz FM
RG	50.000 Mhz FM

Unit conversion



Morsecode encoding

Char	Morsecode	Char	Morsecode
A	. —	N	— .
B	— . . .	O	— — —
C	— . — .	P	. — — .
D	— . .	Q	— — . —
E	.	R	. — .
F	. . — .	S	. . .
G	— — .	T	—
H	U	. . —
I	. .	V	. . . —
J	. — — —	W	. — —
K	— . —	X	— . . —
L	. — . .	Y	— . — —
M	— —	Z	— — . .

Morsecode decoding

