

# HELI LAUSANNE



## HB-ZSY

**AS 350 B3 e CHECKLIST  
EMERGENCY CHECKLIST  
LIMITATIONS  
PERFORMANCES  
PREFLIGHT CHECKLIST  
ALERT CHECKLISTE  
SECURITY AROUND  
W&B COMPUTATION SAMPLES  
M-MEL**

The pilot is responsible for correct operation of the helicopter according AFM. This summary is provided only as additional material for preflight preparation. Heli-Lausanne declines all responsibility in case of non respect of any official manufacturer limitations(AFM).

**ALLWAYS REFER TO AFM FOR MANUFACTURER PROCEDURES**

**AS 350 B3e - NORMAL PROCEDURES / CHECKLISTS**


## Cockpit Preparation

1. Outside check .....completed
2. Helicopter documents ..... checked
3. Seats and pedals .....adjusted
4. Seat belts.....fastened
5. Rotorbrake..... ..forward / released
6. Fuel shut-off lever ..... forward and secured
7. Twist grip .....Idle position
8. Hydraulic switch..... ON
- 9. Engine starter (overhead switch).....OFF**
10. Battery .....ON
- 11. Gen..... OFF**
12. Instrument light .....as necessary
- 13. GPS (G430) .....ON**
14. Warning lights (W/LT TST) .....Press to test  
(Check TRQ indicates 100% for 2 seconds)
15. ACCU / HYD TEST.....press for 2 sec  
(centers pedals to neutral)
16. Warning Pannel

GENE	FUEL P	PITOT	HORN
HYDR	ENG P	MGB P	TWT GRIP

with EPU + BATT

17. VEMD check
 

no message/ 2 screens  
 Batt > 22 Volts  
 Bleed valve opened
18. Control pedals
 

free travel
19. Cyclic
 

center and friction
20. Collective
 

down and locked
21. Heating system.....OFF
22. Instruments..... static or zero
23. Flight time counter/Chrono..... checked
24. COM / NAV / Transponder..... off
25. Switches..... all off
26. Cargo hook (electrical + manual)..... checked and set as required

## Engine Start

1. Start-up clearance (if necessary) ..... received
2. Rotor..... free
3. Area..... clear
4. **CPW**..... check GOV light is **OFF**
5. **Fuel pump**..... **ON**
6. **GENE** ..... **OFF**
7. Starter Selector..... ON
8. Check parameters :

Ng..... increase

TOT .....below limits

Engine oil pressure .....checked

When N1 > 60% VEMD switch to FLI MODE  
(FLI MODE)

- |     |  |  |                     |
|-----|--|--|---------------------|
| 9.  | When N1 > 67 %   | -> GENE                                | ON                  |
| 10. | Warning lights   | all out, exc. HORN / PITOT / TWT GRIP  |                     |
| 11. | Pitot  |  | ON                  |
| 12. | <b>Fuel Pump</b>   |  | <b>OFF</b>          |
| 13. | <b>Engine starter selector guard</b>                                   |  | <b>closed</b>       |
| 14. | Avionics   |  | ON                  |
| 15. | All necessary systems  |  | ON                  |
| 16. | Avionic / Gyros (Att ind./D  |  | ON                  |
| 17. | FM / COM / NAV / Transponder /GPS                                      |  | on and set          |
| 18. | Altimeter  |  | QNH set             |
| 19. | <b>Hyd. accumulator test</b>   |  | <b>checked</b>      |
| 20. | <b>Hyd. isolation test</b>   |  | <b>checked</b>      |
| 21. | Gyros (Att ind./DG)  |  | set                 |
| 22. | Twist grip   |  | flight position     |
| 23. | Horn   | ON when RRPM at 340 / check sound      |                     |
| 24. | NR   | check RPM in lower green arc           |                     |
| 25. | Fire Test  |  | gong + illumination |
| 26. | Parameters   | check NO warning, Voltage and Pressure |                     |
| 27. | <b>Landing Light</b>   |  | <b>ON</b>           |
|     | (for in-flight collision avoidance, keep light ON all flight duration) |  |                     |

## CRANKING - after aborted start or maintenance

1. Engine starting selector..... OFF
2. Shut OFF Lever.....forward
3. N1 < 10 % ..... check
4. Crank ..... press max 20 sec

## 4.4 TAKEOFF

### 4.4.1 BEFORE TAKEOFF CHECK

1. Doors.....CLOSED or sliding doors  
OPEN LOCKED.
2. Cyclic and collective frictions .....AS REQUIRED.
3. Landing light.....AS REQUIRED.
4. Temperatures and pressures.....NORMAL RANGE.
5. CWP.....All lights OFF.
6. Collective pitch.....UNLOCK.

#### NOTE

Adjust collective and cyclic frictions so that friction loads are felt by the pilot when moving the flight controls.

### 4.4.2 TAKEOFF CHECK AND PROCEDURE

#### CAUTION

Heating and demisting system can be used during takeoff but this degrades the aircraft hover and climb performance shown in SECTION 5 when operating at engine limits (N1, TOT).

- Gradually increase collective pitch to hover at 5 ft (1.5 m). Check engine and mechanical control instruments, no warning light.
- Increase airspeed with HIGE power until IAS = 40 kt (74 km/h), then begin to climb so as to clear 40 ft (12 m) at IAS = 50 kt (93 km/h).

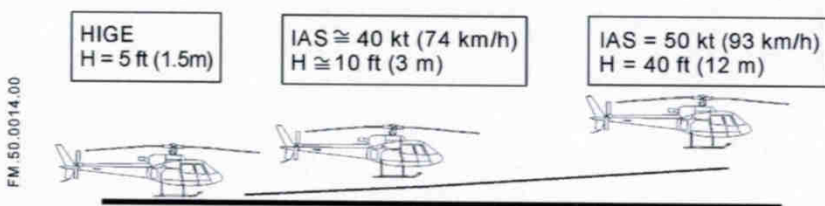


Figure 4-2: Takeoff Procedure

#### CAUTION

For safe operation, takeoff path should avoid HV diagram (Refer to SECTION 5).

## 4.5 CLIMB

Above 100 ft (30 m), for maximum climb performance, select Maximum Continuous Power and optimum climbing speed (Vy):

IAS kt = 65 kt at 0 Hp - (1 kt / 1000 ft).

IAS km/h = 120 km/h at 0 Hp - (2 km/h per 300 m).

## 4.6 CRUISE

Fast cruise is obtained by the first limitation reached corresponding to the beginning of the FLI amber area:

Corresponding mechanical or engine limits (TRQ, N1, TOT) are indicated by underlined numerical value.

Reduce indicated airspeed in turbulence.

## 4.7 APPROACH AND LANDING

### 4.7.1 APPROACH

- Begin approach at Vy.
- At approximately 100 ft (30 m), reduce airspeed down to HIGE at 5 ft (1.5 m).
  - Approach check:
    1. Landing light ..... AS REQUIRED.
    2. All parameters ..... CHECK.

### 4.7.2 LANDING

- In hover, gradually reduce collective pitch until touchdown, then fully reduce collective pitch.

## **Engine Shut Down**

1. Cyclic ..... neutral
2. Collective ..... full down and locked
3. Frictions ..... on
4. Horn..... off
5. Landing light ..... off
6. Throttle Idle position (TWT Grip) ..... for 30 seconds
7. FM / COM 2/ NAV / Transponder..... off

**G430 / GPS must remain ON (error on VEMD)**

8. Pitot heat ..... off
9. Avionic / Gyros (Att / DG)..... off
10. Engine starting selector (overhead switch)..... off
11. Generator..... off
12. Rotor brake..... apply as required below 140 RRPM
13. Rotor ..... stopped
14. Instrument lights..... off
15. HYD TEST button ..... press for 1-2 sec. to center pedals

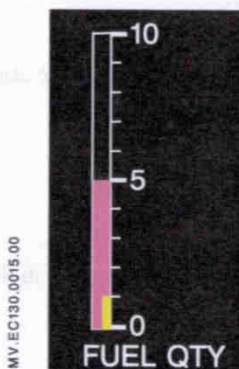
**16.VEMD .....report datas for techlog**

17. Battery ..... off

## 4.9 MISCELLANEOUS PROCEDURES AND DATA

### 4.9.1. TANK CAPACITY

- **Maximum capacity**  
540 liters (142.7 US gal - 427 kg - 941 lb).
- **Fuel gauge**



10 = usable fuel quantity, depending on type of fuel tank (Refer to § 1.3.4, Section 1).

15 min. of flight time remains at MCP at the beginning of this range.

#### NOTE 1

The unusable fuel quantity is reached when zero is indicated on the fuel gauge.

#### NOTE 2

Fuel quantity indication in kg and fuel flow indication in kg/h is based on a fuel density of 0.79 kg/l.

## 4.10 EXTREME WEATHER OPERATIONS

### 4.10.1 HIGH WIND OPERATION (WIND ABOVE 30 KT (56 KM/H))

- **Parking**

- Park the helicopter head into the wind. Maintain rotor brake applied with one blade at 12 o'clock. Keep blade socks until start up.
- For wind above 40 kt (74 km/h) the helicopter must be tied down.

- **Start up**

- When the rotor begins to turn, apply a small cyclic stick input into the wind.
- As soon as  $N1 > 67\%$ :

Twist grip.....FLIGHT position.

- **Run up check**

- Perform the hydraulic checks with the twist grip in FLIGHT position and NR at nominal speed.

- **Engine and rotor shutdown**

- Allow engine oil to cool with twist grip in FLIGHT position.

#### NOTE

Start up and shutdown have been demonstrated up to 40 kt (74 km/h) of wind from any direction and for 50 kt (93 km/h) headwind.

### 4.10.2 COLD WEATHER OPERATION

Refer to SUP.4 "Instructions for use in cold weather".

## SNOW CONDITIONS

FLIGHT UNDER FALLING SNOW **IS FORBIDDEN** UNLESS FITTED WITH SAND FILTER .

**HB-ZSY IS NOT FITTED WITH SAND FILTER !**



## **AS 350 B3 e - EMERGENCY PROCEDURES**

### **ENGINE FAILURE**

1. Enter autorotation immediately
2. If altitude permits, attempt engine air restart

### **ENGINE AIR RESTART**

1. Establish steady autorotation
2. Starting selector OFF
3. Generator - OFF
4. Carry out normal starting procedure

### **SMOKE IN THE CABIN**

- Source of smoke identified
  1. Shut off the corresponding system
  2. If necessary use fire extinguisher
  3. Air the cabin
- Source of smoke not identified
  1. Shut off heating/demisting system
  2. Switch off "EMER SHED" , GENE OFF, AVIONICS OFF
  3. When smell has disappeared, set all switches to "OFF"
  4. Reset battery switch to "ON"
  5. Switch on generator, check voltage
  6. Switch on circuits one by one until malfunction is identified or land as soon as possible

NB: VEMD will goes out during procedure -> refer to VEMD failure

### **YAW SERVO CONTROL MALFUNCTION (BLOCKED PEDALS)**

- Hover
  1. If no yaw – land normally
  2. If helicopter is yawing – hydraulic switch on collective OFF
- Forward flight
  1. Reduce speed
  2. Hydraulic switch on collective - OFF
  3. Perform run-on landing if necessary

### **TAIL ROTOR CONTROL FAILURE**

- Complete Loss of Thrust - OGE
  1. Enter autorotation – maintain 65 kt IAS
  2. Shut down engine
- Complete Loss of Thrust - IGE
  1. Reduce collective before yaw rate is too high

- Fixed Pitch Failure
  1. Set IAS to 70 kt in level flight
  2. Press hydraulic push-button for 5 seconds
  3. Make shallow approach with run-on landing

## ENGINE OIL TEMPERATURE HIGHER THAN MAX

- At Low Speed or in Hover
  1. Land if possible
  2. Shut down engine
  3. Check that cooler fan is operating

*If landing is impossible*

  1. Increase speed and reduce power
  2. Fly at approximately 80 kt – temperature should fall rapidly
  3. Check Engine pressure
  3. If cooling can not be obtained – land as soon as possible
- In Cruise Flight
  1. Reduce power
  2. Proceed as above (A)

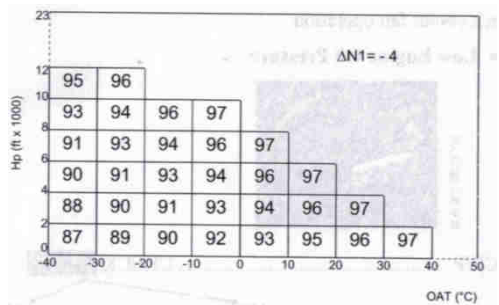
## NG INDICATOR FAILURE

In the event of an NG indicator failure, do not exceed the maximum authorized TRQ and 842 °C TOT value limits

NB: in this case, maximum TOT displayed is starting limitations

## TORQUEMETER FAILURE

In the event of a torquemeter failure, do not allow the engine speed to rise above the **following limits**:



## T4 INDICATOR FAILURE

1. Comply with the N1 and TRQ limitations
3. Switch off heating and demisting
2. Do not attempt to start the engine

## **VEMD FAILURE**

- One screen failure: OFF 1 or OFF 2 according to failure  
Information will be switch automatically to the not affected screen.  
FLI not available (3 parameters page)  
Use scroll to switch form page to page
- Both screen failure: IAS : 100 kts minus 2 kts/1'000 ft  
carry a shallow approach and no hover landing

## **COMPLETE ROTOR RPM (NR) INDICATOR FAILURE**

1. Maintain engine torque above 10%. Use Nf needle as reference
2. Land as soon as possible

## **FREE TURBINE RPM (Nf) INDICATOR FAILURE**

1. Check that NR reading remains within governed range when collective is changed
2. Keep torque above 0% and continue flight

Note: in case of Nf failure, ECBAU may be not available !

## **BLEED VALVE FLAG ON /NG INDICATOR REMAINS ON IN FLIGHT**

1. If possible, increase power to check if bleed valve closes  
If bleed valve remains open:
1. Avoid sudden power changes – compressor stall may occur
2. Make a flat approach be prepared for decreased hover performance

Note : Bleed vlave failure result in **GOV**

## **ICS INOPERATIVE**

1. ICS OFF
2. COM 1 ON

VHF for RH pilot only via COM 1 and audio warning available via COM 1  
Avoid or cancel hoist operations

## **AS 350 B3 e - WARNINGS**

### **ENG P**

Check gauge  
if pressure low or nil : **Land immediately**  
**and be prepared to autorotate**

if pressure normal: Land as soon as practicable

### **MGB P**

**Land as soon as possible**

Collective : reduce  
if landing not possible, proceed to suitable  
landing place at minimum power speed / Vy  
(55' test bench)

### **GOV**

Major governor fail - emerg. mode self engaged  
Flight parameters: check

avoid abrupt changes

Hp < 20'000ft maintain Ng > 80 %

Hp > 20'000ft maintain Ng > 85 %

**Land as soon as particable**

Powered approach  
avoid steep angle  
slowly down collective

GOV failure can occur if loss of NG and torque  
on VEMD

**During start: shut down immediately**

### **ENG FIRE**

**at start up**

Starting selector : OFF

Fuel shut-off lever : AFT

Booster pump : OFF

Crank depress 10s

BATT : OFF

Rotor brake : apply (< 170 rpm)

Evacuate aircraft

**at hover, takeoff, final**

**Land immediately**

Carry out a no hover powered landing,  
then apply same procedure as above (start)

**ENG FIRE**

**in flight**

**Land immediately**

collective pitch : reduce

IAS : Vy (70 kts)

Autorotation procedure : apply

Emergency fuel shut-off lever : AFT

Fuel Pump : OFF

Starting selector : OFF

After landing:

BATT: OFF

Rotor brake : apply (< 170 rpm)

Evacuate aircraft

**HYDR**

Keep aircraft in level attitude

Do not use ACCU test button (yaw)

Do not turn twist grip to Idle (load on collective)

Carry a slightly running landing (10kts)

**in Hover**

Land normally,

Lock collective on ground / Shut down

**In Flight**

**immediately :**

**Reduce speed between 40 to 60 kts MAX**

Collective HYD switch off below 60 kts

Land as soon as possible, flat approach and running landing (10 kts)

Lock collective on ground / Shut down

**BATT TEMP**

**BATT -> OFF**

**check volatge**

if normal , land as soon as practicable

if above U normal

-> Batt ON

-> GENE OFF

-> Unnecessary equip

OFF

**TWT GRIP**

**Turn to flight position**

**FUEL**

**Land as soon as possible**

Fuel Quantity less than < 48 kg  
Max 15 minutes flight remaining at MCP  
Avoid large attitude changes

**FUEL P**

**Land as soon as possible**

Low Fuel Pressure  
Collective pitch : reduce  
Fuel Booster Pump ON  
**Be prepared to autorotate in case of flame out**

**FUEL FLT**

Fuel filter level 2 reached  
By-pass open - risk of fuel contamination

- **land as soon as practicable**

Monitor NG

- **if NG oscillation NG : land immediately and be prepared to autorotate**

**GENE**

Check U voltage bus on VEMD  
Check push button GENE is ON [press]

- if light goes out : continue flight
- if light stays : press GENE RESET button
- **if light goes out : continue flight**
- **if light stays : unnecessary equip OFF**  
**land as soon as practicable**

Note : if batt fails, VEMD goes out. NR stays  
Max time on battery: day 50 min  
night 20 min

**BATT**

EXT BATT or BATT: check ON

- **if light goes out : continue flight**
- **if light stays : check voltage on VEMD**  
**: land as soon as practicable**

**PITOT**

**Continue flight**

Check push button: PITOT / ON

- if light goes out: continue flight
- if light stays: monitor IAS

**HORN**

**Continue flight**

Check push button: HORN / ON  
if light goes out: continue flight  
if light stays: aural warning failure

**MGB TEMP**

IAS set to  $V_y$  / 70 kts  
CPW, check

- if light goes out : land as soon as practicable
- if light stays: land as soon as possible

**DOOR**

**Land as soon as practicable**

1 or 2 cargo doors open  
Reduce speed to 70 kts  
Low sink rate approach

**INST LIGHT**

on or both instrument light u/s  
forward reading lights can be used (dct batt)

**GOV**

**Land as soon as practicable**

Minor governor failure  
Collective : avoid abrupt change  
IAS, maintain below PowerOff VNE

**Do not restart**

Flashing at idle or startin & shut down:  
Start up : abort procedure , ref to Maint Manuel  
AR training : abort training

**ENG CHIP**

**Land as soon as possible**

Reduce power  
Be prepared of engine loss of power

Restart / take off prohibited before engine  
maint.agreement

**MGB CHIP**

**Land as soon as possible**

Reduce power  
Monitor MGB P and MGB TEMP

**TGB CHIP**





**Continue flight or land as soon as practicable**

Avoid prolonged hovering

## **GENERAL LIMITATIONS - for details refer to AFM**

<b>Forbidden :</b>	aerobatics engine start with snow and ice in ou around engine air intake flight under falling snow if no sand filter fitted flight in freezing /icing conditions power reduction using throttle (except training) in flight complete shut off VEMD (1+2)
Crew	minimum 1 pilot right seat / maximum 6 occupants
<b>Maximum weight</b>	<b>2'250kg</b>
<b>Minimum weight</b>	<b>1'310 kg</b>
Max Cargo Weight	2'800 kg
Sliding door	manoeuvring : opening 110 kt / closing 80 kts locked 135 kt
Slopes	up 10° down 6° lateral 8°
Max Alt.	23'000ft
AOT	- 40°C to + 50°C (or ISA +35)

### **Engine Limitation Markings**

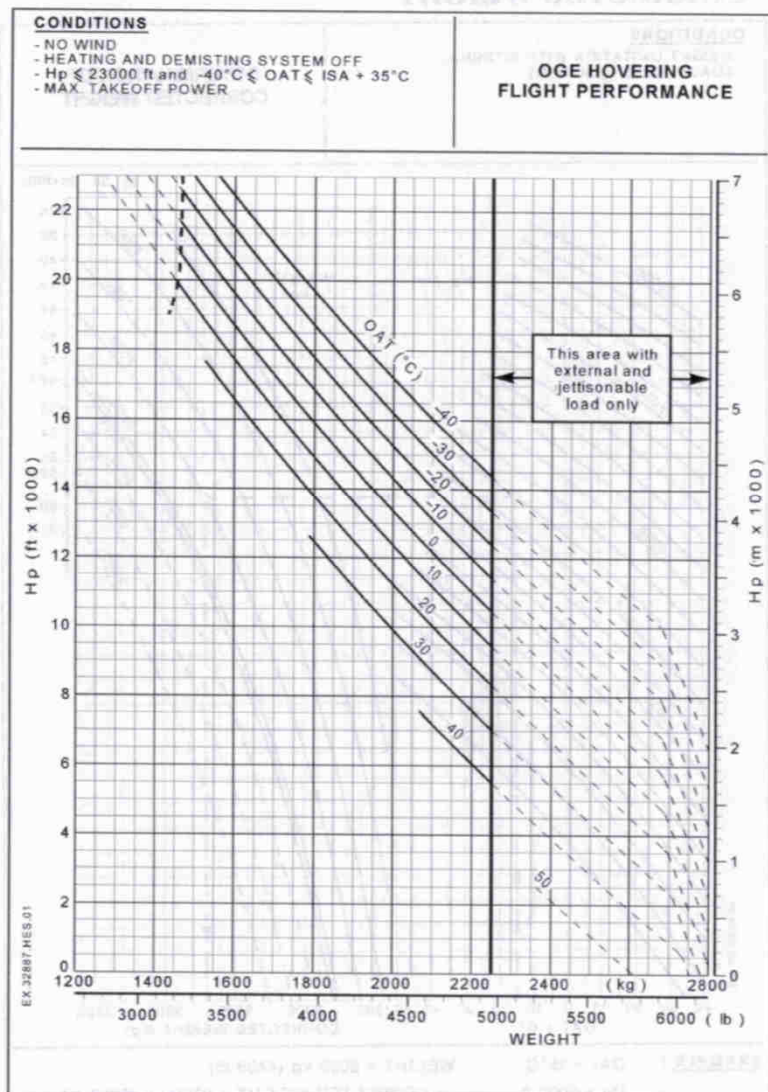
	caution range : take off range 0 to 40 kts
	max continuous, safety or take off limitation
	max VNE Power OFF / Autorotation
	max transient (no intentional use)

TRQ	100 to 104% : 5 sec transient
△NG	0 to +1% : 20 sec transient
T4	starting : max 750°C / max 840 °C transient 10 sec in flight: 949 °C to 981 °C : 20 sec transient
N2	413 to 440 max transient : 20 sec
Voltage	31.5 V max / 150 A max continuous
other gauges	self explanatory on instruments



**PERFORMANCES**

**FLIGHT MANUAL**  
**AS 350 B3e**

**5.7 HOVER OUT OF GROUND EFFECT****Figure 5 - 6**

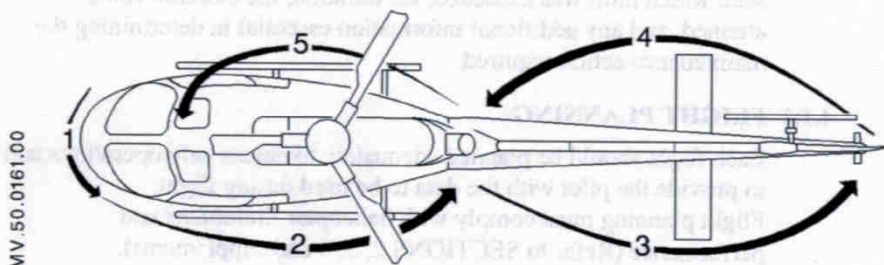
## **AS 350 B3E - NORMAL PROCEDURES – PREFLIGHT CHECK**

**(NB : Daily Check & Check après le dernier vol : voir document spécifique)**

### **4.2 PREFLIGHT CHECK**

- Make sure that all flightworthiness-required corrective maintenance operations have been performed.
- These preflight checks can be done without opening any cowlings unless the helicopter had been parked for more than 2 days or in case of any visible leak or doubt.
- Check that the aircraft area is clean and unobstructed.
- Remove all picketing items if applicable
- Carry out the following checks:

#### **4.2.1 EXTERIOR CHECK**



**Figure 4-1: Sequence of checks**

#### **Station 1**

- Transparent panels .....Condition - Cleanliness.
- Windshield wiper (if installed) .....Condition.
- MGB – Engine oil cooler air inlet .....Check no obstruction nor debris.
- Side slip indicator .....Condition.
- Pitot tube .....Cover removed - Condition.
- Landing lights .....Condition.

Station 2**WARNING**

**ICE OR SNOW ACCUMULATIONS THAT REMAIN IN OR AROUND THE ENGINE AIR INTAKE MAY BE INGESTED AND CAN CAUSE A SUDDEN IN-FLIGHT ENGINE FAILURE.**

- Front door ..... Condition, jettison system check.
- Rear door ..... Condition, closed or open locked (sliding door).
- Left cargo door ..... Open.
- Loads and objects carried ..... Secured.
- Left cargo door ..... Closed, locked.
- Fuel tank filler plug ..... Closed, locked.
- Fuel tank ..... Drained (before the first flight, if  $OAT \geq 0^{\circ}C$ ), absence of leakage at the drain.
- MGB cowl ..... MGB oil level - Cowl locked.
- All lower fairing panels ..... Locked.
- Landing gear and foot step ..... Secure - Visual check.
- Bear Paws, skis ..... Conditions & Secure
- Ski basket, if installed ..... Conditions & Secure
- Static ports ..... Clear, covers removed.
- OAT sensors, antennas ..... Condition.
- Main rotor head and blades ..... Visual inspection, no impact.
- Engine cowl ..... Locked.
- Rear cargo door ..... Open.
- Loads and objects carried ..... Secured.
- ELT ..... Check ARMED.
- Rear cargo door ..... Closed, locked.
- Oil drain ..... No oil under scupper
- Cargo Hook, Swing ..... Conditions & Secure

Station 3

- Heat shield on tail rotor drive ..... Condition, attachment.
- Tail boom, antennas ..... Condition - Fairing fasteners locked.
- Stabilizer, fin, external lights ..... General condition.
- Tail rotor guard (if fitted) ..... Condition, attachment.
- TGB fairing ..... Secured, fasteners locked.
- TGB oil level ..... Checked.
- Tail skid ..... Condition, attachment.

#### Station 4

- Tail rotor head.....Condition, laminated bearing.  
Checked for separation, cracks, etc.
- Tail rotor blades.....Visual inspection, no impact.
- Stabilizer, fin, external lights.....General condition.
- Tail boom, antennas.....Condition - Fairing fasteners  
locked.
- Heat shield on tail rotor drive.....Condition, attachment.

#### Station 5

- Oil drain.....No oil under scupper.
- EPU door.....Closed or EPU connected.
- Engine air intake.....Clean - No foreign objects or  
accumulations of ice or snow  
in or around the engine air  
intake and no stagnant water at  
the drain hole.
- Engine cowl.....Locked.
- Exhaust cover.....Removed.
- Right cargo door.....Open.
- Loads and objects carried.....Secured.
- Right cargo door.....Locked.
- Main rotor head and blades.....Visual inspection, no impact.
- MGB cowl.....No foreign objects on  
transmission deck.  
Cowl locked.
- Hydraulic oil level.....Check reservoir level.
- Engine oil level.....Check reservoir level.
- Landing gear and foot step.....Secure – Visual check.
- Bear paws, Skis.....Conditions & Secure
- All lower fairing panels.....Locked.
- Door.....Condition, jettison system  
check.
- External mirror (if fitted).....Set to avoid dazzling (night  
flight).
- Cargo mirrors (nose & LH skid).....Conditions & Secure:

## 4.2.2 INTERIOR CHECK

- Cabin ..... Clean.
- Fire extinguisher ..... Secured - Checked.
- Fuses or breakers ..... All set.
- Loads and objects carried ..... Stowed and secured.
- Front door jettison systems ..... Check - Plastic guard condition.

## 4.2.3 TURNAROUND CHECK

- Overall aspect ..... Condition, cleanliness.
- Engine / MGB / TGB ..... Oil level.
- Main and tail rotor blades ..... Visual inspection, no impact.
- Loads ..... Secured.
- All cowlings ..... Locked.
- Doors ..... Closed or sliding door open-locked.

### NOTE

If the aircraft is to be parked for some time between flights, temporary picketing is recommended by fitting blanks, covers and blade socks (in winds above 40 kt (74 km/h)).

In this case, perform a complete pre-flight check.

QUI	QUAND	QUOI	COMMENT	CONTACT
<b>EQUIPAGE</b>	<b>Immédiat</b> <b>1</b>	<b>Alerte</b>	<b>REGA</b> <ul style="list-style-type: none"> <li>- Ambulance</li> <li>- Police</li> <li>- Pompiers</li> </ul>	<b>1414</b> <b>canal K/R</b> <b>144</b> <b>117</b> <b>118</b>
	<b>Immédiat</b> <b>2</b>	<b>Secours</b>	<ul style="list-style-type: none"> <li>- sécuriser le site de l'accident</li> <li>- actions pour sauver les vies</li> <li>- information aux sauveteurs</li> </ul>	
	<b>Immédiat</b> <b>3</b>	<b>Information</b>	Communication externe <b>EXCLUSIVEMENT</b> par le management de la COMPAGNIE. Aucune information aux médias ou tiers	
			<ul style="list-style-type: none"> <li>- Management compagnie</li> <li>- Responsable des opérations</li> <li>- Management technique</li> </ul>	
		<b>Protocole</b>	- noter tous les appels et messages	

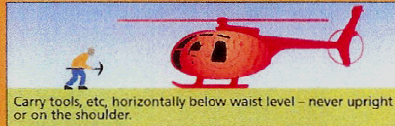
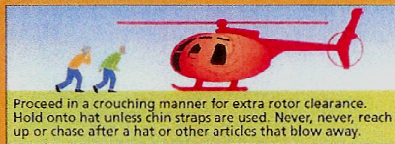
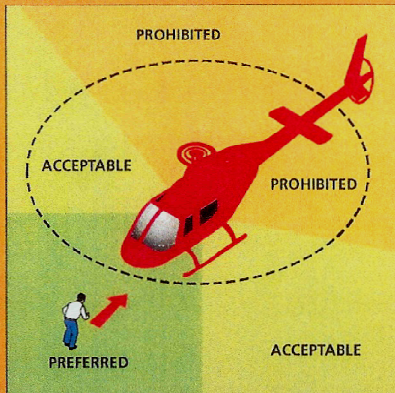
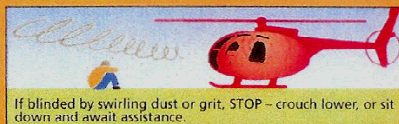
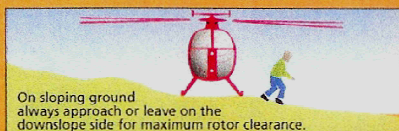
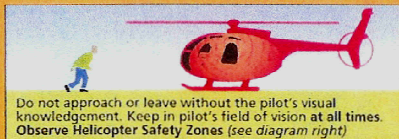
### Les principes les plus importants lors de l'alerte

<b>Alerte</b>	Que s'est-il passé Où cela s'est-il passé (lieu, rue, montagne, altitude, coordonnées, etc.) Quand cela s'est-il passé Qui est concerné (nombres personnes, blessés, décès, etc.) Hélicoptère et immatriculation Quelles mesures ont été prises Tous les appels, messages et mesures prises ont été enregistrées jusqu'à ce que le management prenne le relais
<b>Proches</b>	Les proches sont informées exclusivement par le management ou une personne autorisée par le management
<b>Information</b>	L'information à des tiers et aux médias est effectuée exclusivement par le management ou une personne autorisée par le management



# SAFETY AROUND HELICOPTERS

## APPROACHING OR LEAVING A HELICOPTER



## LANDING, TAKE-OFF AND LOADING OPERATIONS

