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THE INNOVATIVE HELICOPTER
QUICK REFERENCE HANDBOOK

The All-in-One Quick Reference Handbook

Solution for Aviation Professionals & Private owners

To enjoy the presentation,
set your screen view to “single page view”

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www.htabs.net
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February 24 edition

OUR PRODUCTS

A custom **Quick Reference Handbook** established from Company/Private Operation Manuals and in accordance with real helicopter configurations

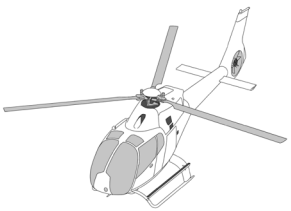
Custom designs, custom procedures, custom tabs

Unlimited solutions on two platforms

Dedicated solutions with annual plans

Available in 2 languages

- AIRBUS LIGHT HELICOPTERS FAMILY -



EC 120 B
Arrius 2F

EC 130 B4/T2
Arriel 2B1/2D

AS 350 B2/B3
Arriel 1D1/2B/2B1/2D

PaperPrint QRH

- Timeless - Worldwide proven
- Manual use
- High quality paper
- Long life use

eQRH

- New generation interactivity
- Quick procedures link
- Easy studying
- Unlimited actions

PaperPrint QRH

CLICK TO SEE

eQRH

CLICK TO SEE

PaperPrint QRH

The old style and timeless QRH for Pilots, already popular worldwide

Its layout and format make it easy to use singlehanded, while flying. Tabs design's reduce the response time to reach the right information, limitations and procedures.

FEATURES	BENEFITS
▫ SIZE FORMAT	▫ 150 x 220 mm ▫ Easy storage and handling ▫ Light weight
▫ LONG LIFE USE	▫ Transparent cover protection ▫ Tear-proof paper ▫ Uv resistant ▫ Water resistant
▫ QRH LAYOUT	▫ Single hand use ▫ Quick use layout ▫ Normal procedures side ▫ Emergency lights tabs design ▫ Company procedures ▫ Helicopter configuration

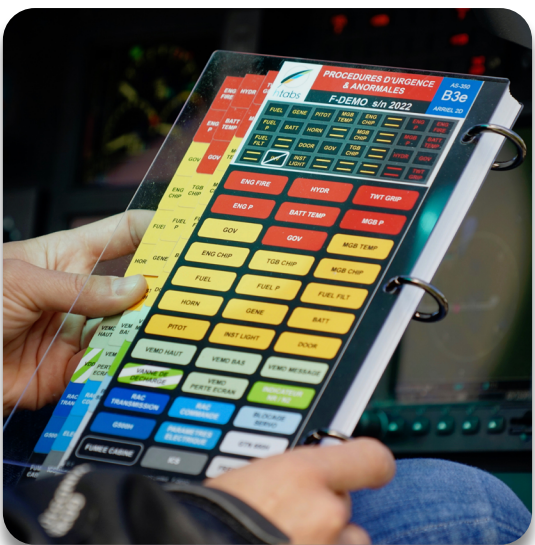
PaperPrint QRH Preview

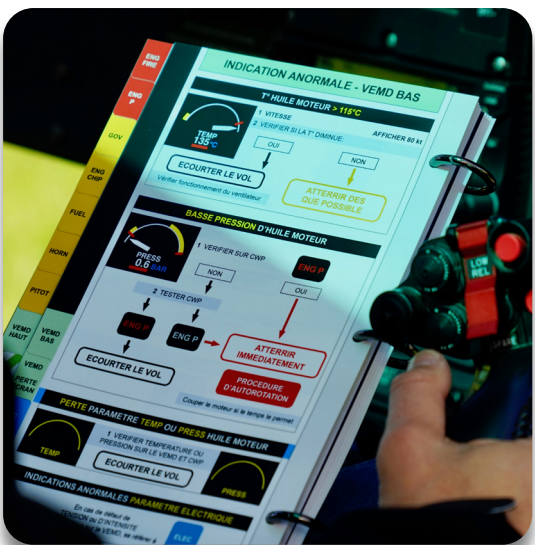
CLICK TO SEE

PaperPrint QRH Preview

CLICK ON TITLE TO RETURN TO THE SUMMARY

SUITABLE TO EVERY SITUATION, EASY TO OPERATE





eQRH

The future of the QRH is now available at your fingertips

Enhancing worldwide compatibility on EFB devices,
the eQRH revolutionizes your user experience.

Its interactive features establish direct links and provide quick access.

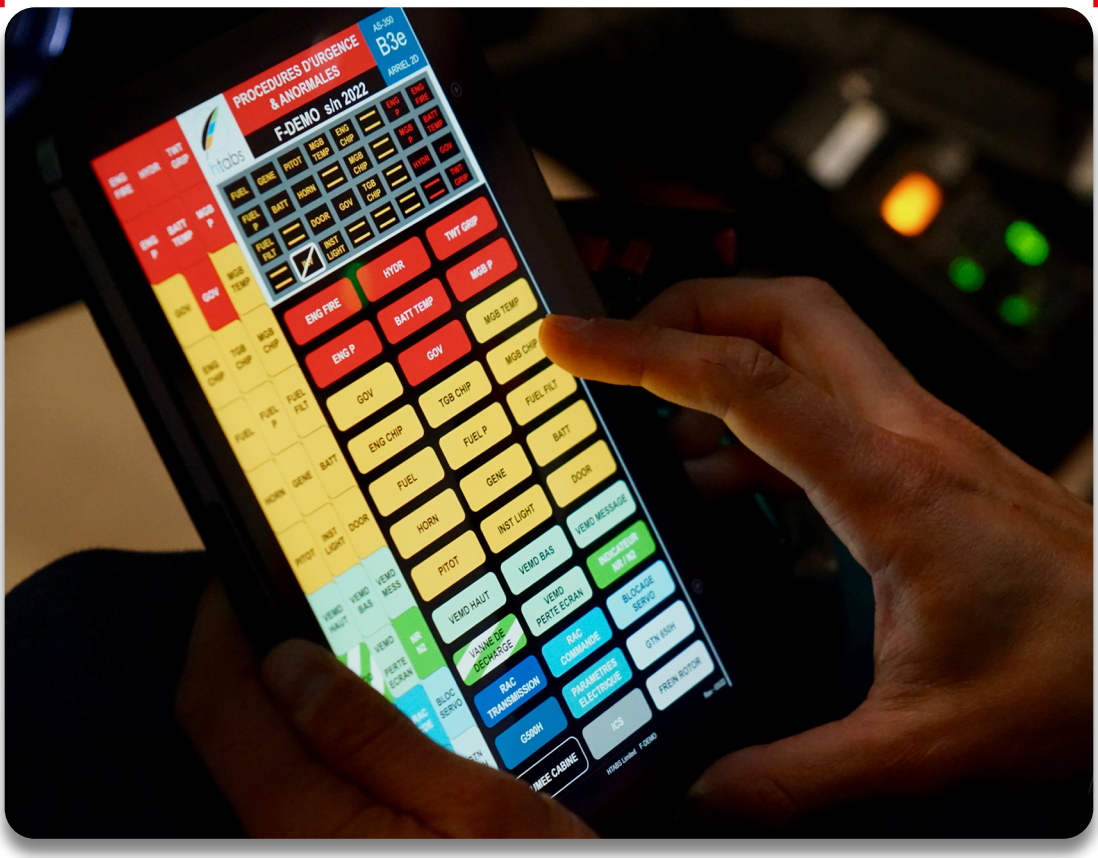
FEATURES	BENEFITS
▫ ELECTRONIC FORMAT	▫ Pdf file ▫ Interactive Pdf ▫ Compatible on all devices ▫ Archive
▫ PDF FORMAT	▫ Compatible with tablets ▫ Online documentations ▫ Training ▫ Available remotely
▫ INTERACTIVE PDF	▫ Unlimited features ▫ Quick access ▫ Direct links ▫ Finger touch buttons ▫ Customizable action

eQRH Preview

CLICK TO SEE

eQRH Preview

CLICK ON TITLE TO RETURN TO THE SUMMARY



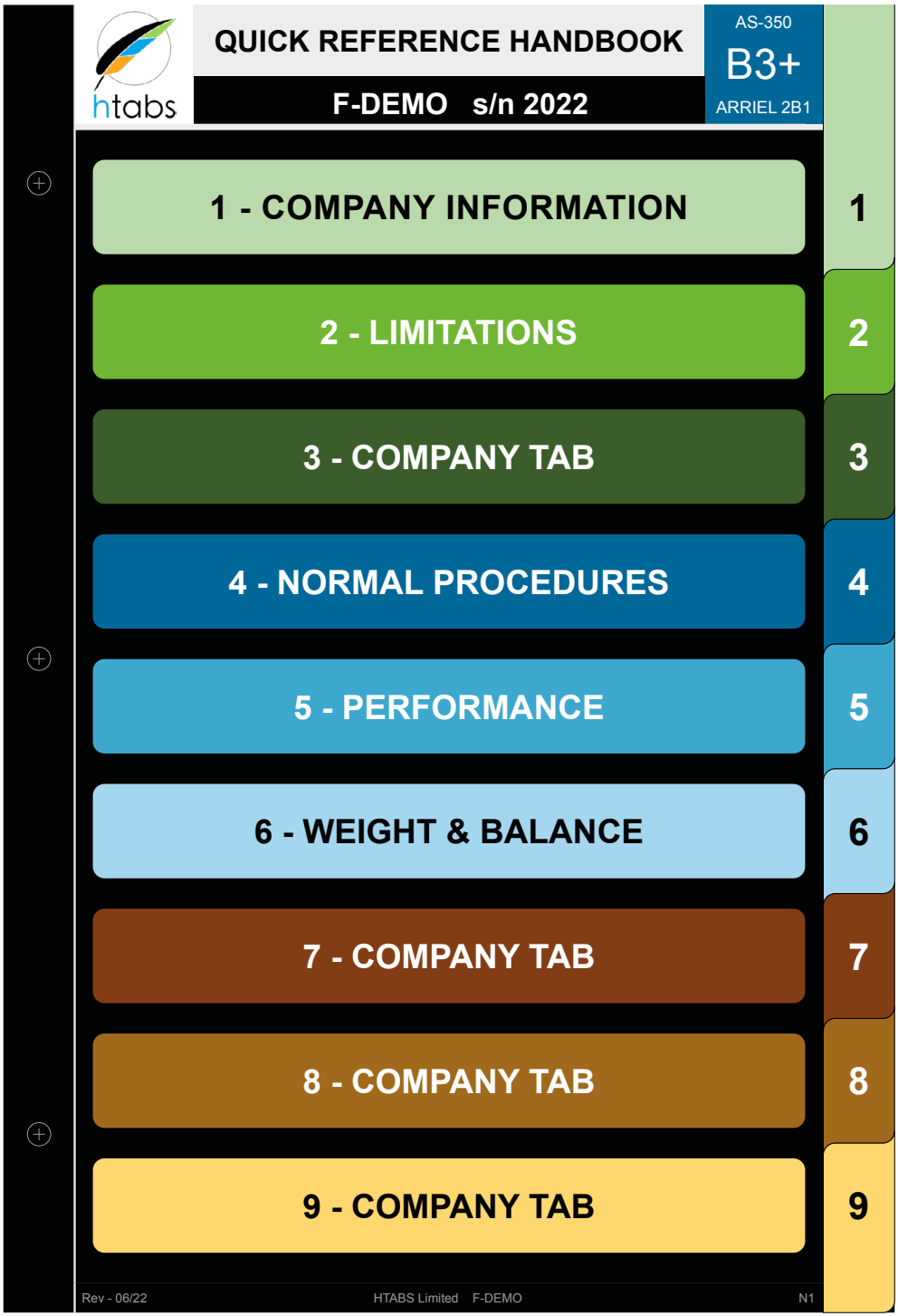
FASTER

MORE EFFICIENT

UNLIMITED ACTIONS

INTUITIVE EXPERIENCE

CLICK ON " 2 - LIMITATIONS "



2

LIMITATIONS

SPEED

VNE POWER OFF : **125 kt (-3 kt /1000 ft)**

VNE POWER ON : **155 kt (-3 kt /1000 ft)**

VNE - kt

POWER OFF		Altitude ZP - ft	POWER ON	
< -20° C	> -20°C		> -30° C	< -30°C
105	125	0	155	145
99	119	2000	149	139
93	113	4000	143	133
87	107	6000	137	127
81	101	8000	131	121
75	95	10 000	125	115
69	89	12 000	119	109
65	83	14 000	113	103
65	77	16 000	107	97
65	71	18 000	101	91
65	65	20 000	95	85
65	65	22 000	89	79

DOORS - STANDARD

IAS or VNE THE LOWER VALUE / SLIDING DOOR **OPENED or REMOVED**				
	VNE	VNE	70	110
	135	110	100	110
	100	110	100	110
	OPENING : 110			
	CLOSING : 80			

GREY CONFIGURATIONS ARE PROHIBITED

WEIGHT

MINIMUM WEIGHT	**N/A**
MAXIMUM PERMISSIBLE INTERNAL WEIGHT	**2250 kg**

ALTITUDE & TEMPERATURE

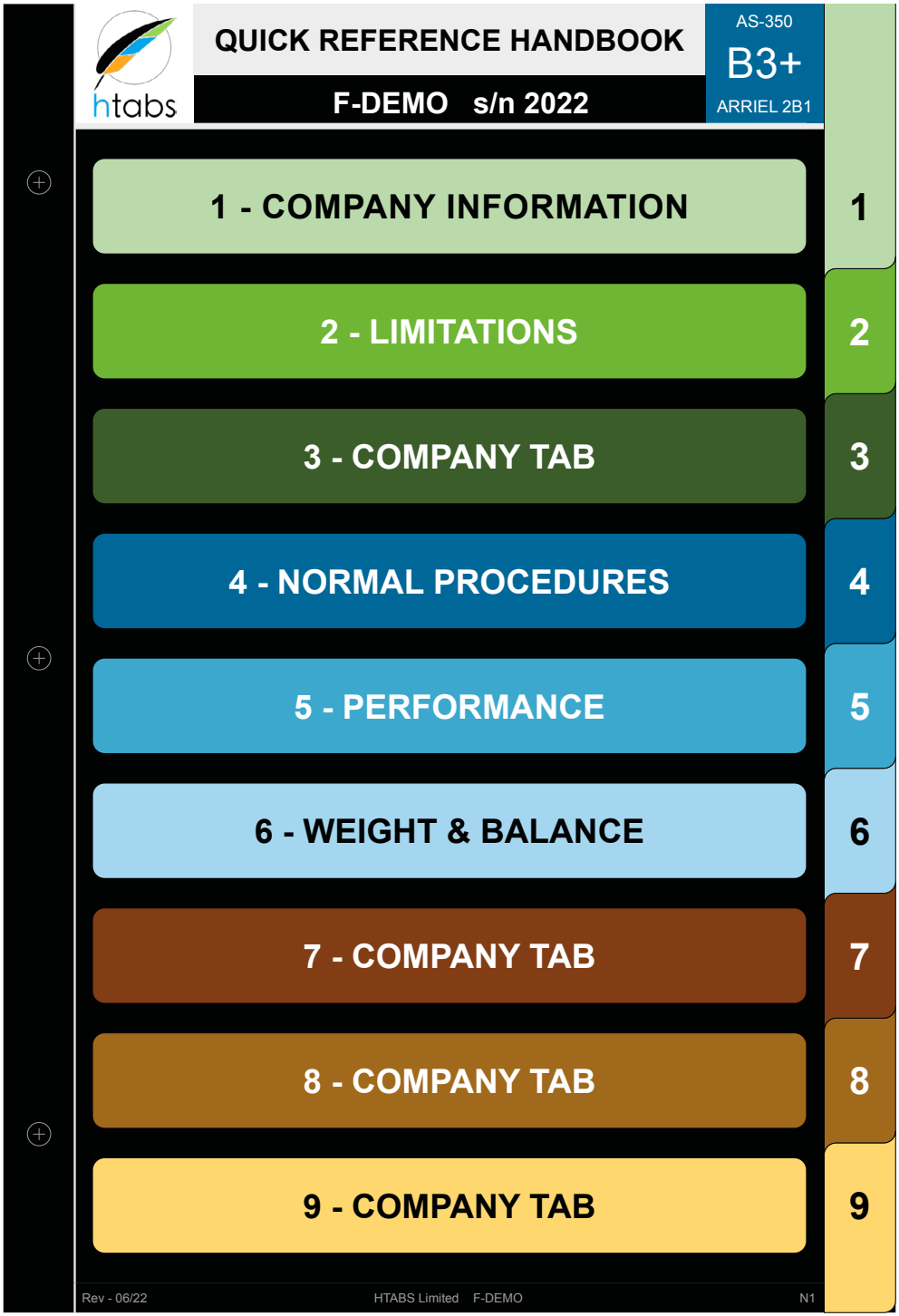
MAXIMUM OPERATING ALTITUDE IN FLIGHT **Hp 23 000 ft**

TEMPERATURE LIMITS	MIN	**-40°C**
	MAX	**ISA +35°C LIMITED TO +50°C**

SLOPE LIMITATIONS	NOSE UP	**10°**
	NOSE DOWN	**6°**
	SIDEWAYS	**8°**

eQRH Preview

CLICK ON " 4 - NORMAL PROCEDURES "



NORMAL PROCEDURES

ENGINE PRESTART CHECK

1	SEATS AND CONTROL PEDALS ADJUSTED AND SECURED SEAT BELTS FASTEN	

COPILOT SEAT BELTS SHALL BE FASTENED IN ALL CASES

2	ROTOR BRAKE & FUEL SHUT-OFF VALVE LEVER		FORWARD
3	COLLECTIVE	HYDRAULIC CUT-OFF SWITCH	ON
		TWIST GRIP	IDLE POSITION
		COLLECTIVE LEVER	LOCKED
4	**EMER SW**		CHECK UP POSITION
5	ENGINE STARTING SELECTOR		OFF
6	**BAT/EPU**		ON
7	**DCT/BAT**		ON
8	CWP		CHECK AMBER LIGHTS : 4 FLASH, THEN CONTINUOUS CHECK RED LIGHTS: PERMANENT DISCONTINUOUS FLASH
9	DAY, NIGHT SELECTOR		SET
10	**AVIONIC**		ON
11	LIGHTS TEST		**HORN** ON THEN OFF
	WL/T TST		CWP + VEMD SCREEN
			SCU LIGHTS + LIGHT + NAV 1/2
	FIRE TST		LIGHT ON + GONG **ENG FIRE**
12	**ACCU TST**		ON 2 SEC THEN OFF
13	CHECK CWP		4 / 4

GENE PITOT HYDR ENG P

FUEL P HORN MBG P

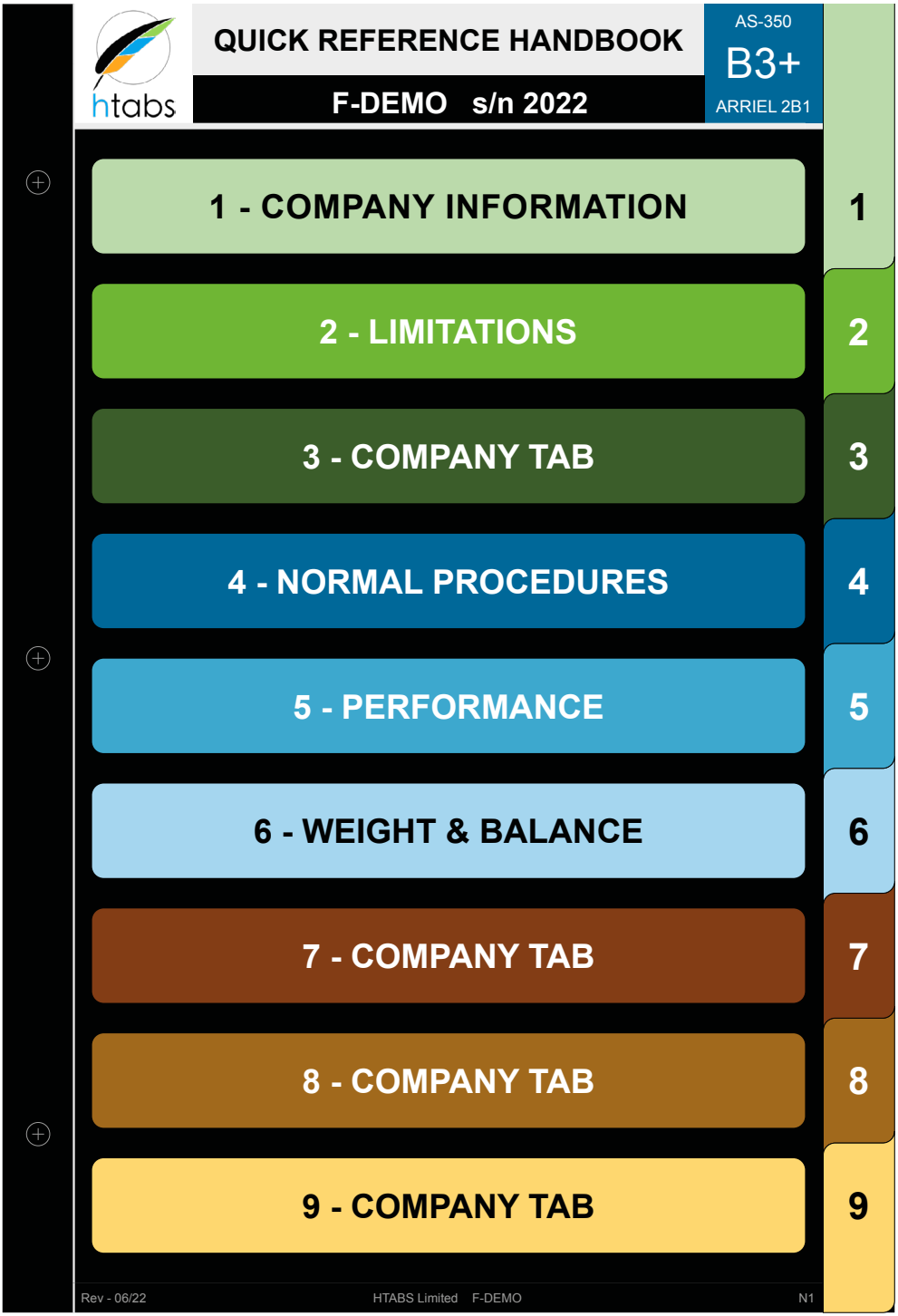
TWT GRIP

13a	+ **BATT**	IF EPU CONNECTED

14	VEMD	3-DATA PAGE & VEHICLE	NO MESSAGE
		BLEED VALVE	OPEN
		BATTERY VOLTAGE	>22V
		FUEL QUANTITY	CHECK

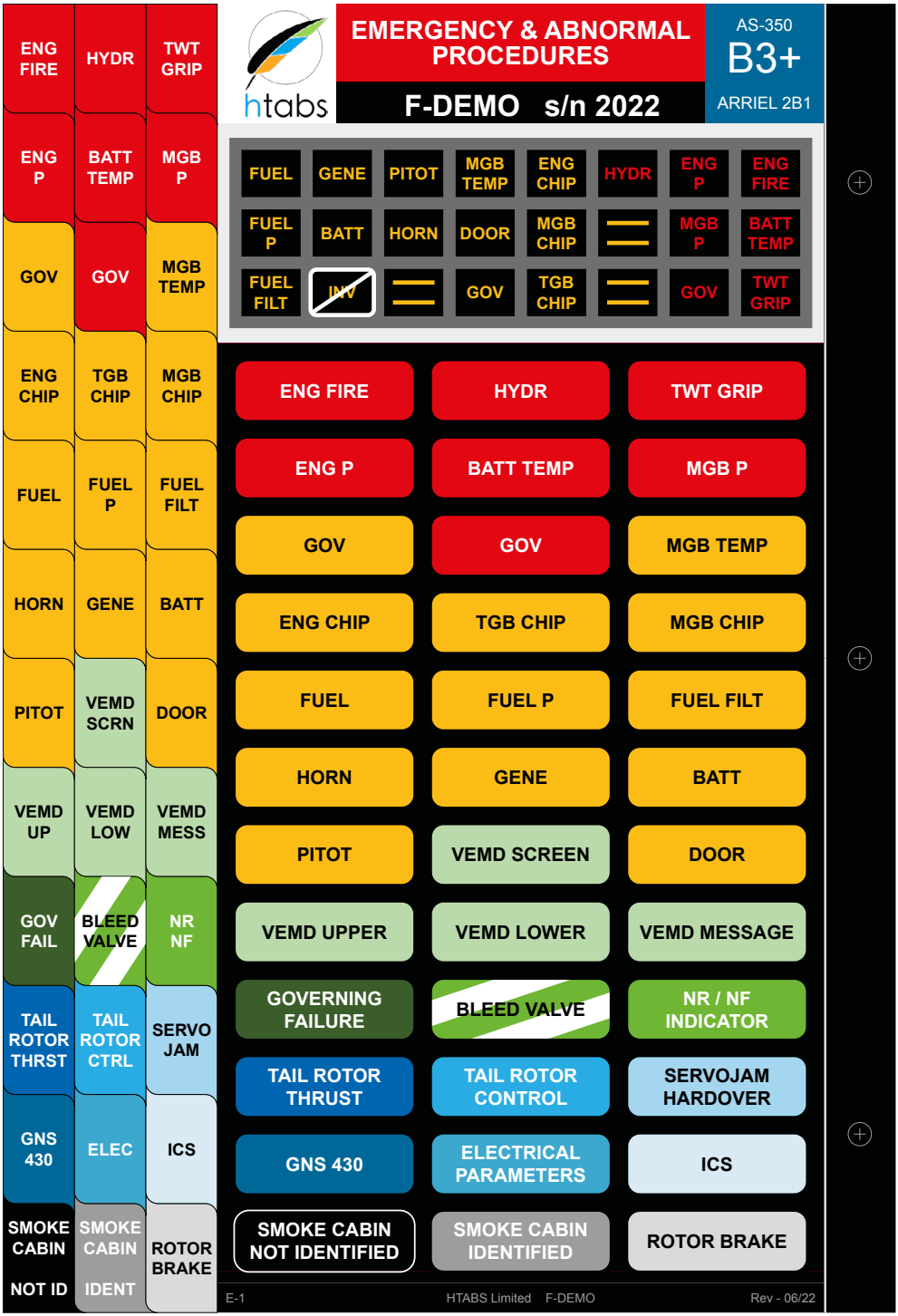
eQRH Preview

CLICK ON " QUICK REFERENCE HANDBOOK " TO SWITCH TO " EMERGENCY & ABNORMAL PROCEDURES "



eQRH Preview

CLICK ON " SERVOJAM HARDOVER " BLUE BUTTON



CLICK ON " HYDR " RED LIGHT

FLIGHT CONTROL HARDOVER OR SERVOJAM

A **HARDOVER** RESULTS IN UNCOMMANDED MOVEMENTS OF ONE OR TWO FLIGHT CONTROLS (INCLUDING YAW).

A **SERVOJAM** RESULTS IN A HIGHER THAN NORMAL FORCE TO MOVE THE FLIGHT CONTROLS.

IN FLIGHT

1 IAS		SET BETWEEN 40 AND 60 kt ENTER SLIDESLIP IF NECESSARY
2 HYDRAULIC CUT-OFF SWITCH		OFF
3 APPLY PROCEDURE	HYDR	

LAND AS SOON AS POSSIBLE

REFER TO FLIGHT MANUAL FOR AERODYNAMIC LOADS WITH NO HYDRAULIC PRESSURE

HIGE - TAKEOFF - FINAL

IF IMMEDIATE LANDING IS POSSIBLE

LAND IMMEDIATELY

AFTER LANDING

1 HYDRAULIC CUT-OFF SWITCH		OFF
2 ENGINE SHUT DOWN PROCEDURE		APPLY

SERVO JAM

LOSS OF HYDRAULIC PRESSURE - 1/2

LOSS OF HYDRAULIC PRESSURE OR PRESSURE < 30 BAR

DO NOT USE [ACCU TST] PUSHBUTTON AS THIS WILL DEPRESSURIZE THE YAW LOAD COMPENSATOR RESULTING IN HEAVY PEDAL CONTROL LOADS.

FAILURE TO COMPLY WITH THE FOLLOWING PROCEDURE MAY LEAD TO LOSS OF CONTROL.

IN FLIGHT

1 SET AND MAINTAIN ANGLE OF BANK < 30°

2 AVOID ABRUPT MANEUVERS

THEN SMOOTHLY

3 IAS — SET BETWEEN 40 AND 60 kt

HYDRAULIC FAILURE SAFETY SPEED: 40 TO 60 KT

ONCE HYDRAULIC FAILURE SAFETY SPEED IS ESTABLISH

4 HYDRAULIC CUT-OFF SWITCH  OFF

AS CONTROL LOADS INCREASE, BE CAREFUL NOT TO INADVERTENTLY MOVE TWIST GRIP OUT OF FLIGHT POSITION (TWT GRIP LIGHT OFF).

PILOT HAS TO EXERT FORCES

> ON COLLECTIVE INCREASE/DECREASE AROUND NO FORCE FEEDBACK POINT

> ON FORWARD AND LEFT CYCLIC

LAND AS SOON AS POSSIBLE

ACCUMULATORS WILL COMPENSATE HYDRAULIC PRESSURE LOSS FOR A LIMITED OPERATION OF THE MAIN ROTOR CONTROLS ALLOWING TO SECURE FLIGHT CONDITIONS AND TO ESTABLISH HYDRAULIC FAILURE SAFETY SPEED.
AIRSPEED MAY BE INCREASED BEYOND SAFETY SPEED AS NECESSARY BUT CONTROL LOADS WILL INCREASE WITH SPEED.

OUR PLANS

We offer **5 annual plans** tailored to meet your specific needs and operational requirements.

Designed by the complexity of your operations and the equipment used, they provide comprehensive support and essential features to ensure your documentation remains up-to-date.

ESSENTIAL	▫ PaperPrint QRH ▫ Standard helicopter configuration ▫ Standard performance ▫ Update every 6 months*
EXPERT	▫ PaperPrint QRH & Pdf ▫ Standard & Optional helicopter configuration ▫ Standard performance ▫ Company procedures ▫ Update every 6 months*
PROFESSIONAL	▫ PaperPrint QRH & eQRH ▫ Custom helicopter configuration ▫ Custom performance ▫ Company procedures ▫ Specialized procedures ▫ Update every 4 months*
e-PROFESSIONAL	▫ eQRH - EFB friendly ▫ Unlimited fetaures ▫ Update every 4 months*
e-ULTIMATE	▫ eQRH - EFB friendly ▫ Unlimited fetaures ▫ Content update accuracy ▫ Update every 2 months*

* Refer to plan details

COMPARE
OUR PLANS

OUR PLEDGES

CLICK ON TITLE TO CONTINUE

TO THE COMPANY

- **DEDICATED SERVICE**
- **CONTINUOUS UPDATED PROCEDURES**
- **CUSTOMIZED PROCEDURES & TABS**
- **LONG LIFE PRODUCT**

TO THE SAFETY & COMPLIANCE MANAGEMENT

- **EASY COMPLIANCE MONITORING**
- **EASY UPDATE MONITORING**
- **DOCUMENTED UPDATE PROCESS**
- **FULL REVISION SUMMARY**

TO THE PILOTS

- **UPDATED DOCUMENTATION**
- **EASY INFORMATION ACCESS**
- **ALL AFM & COMPANY PROCEDURES**
- **ALL EMERGENCY LIGHTS & ABNORMAL PROCEDURES**
- **HELICOPTER REAL DATA AND CONFIGURATION**

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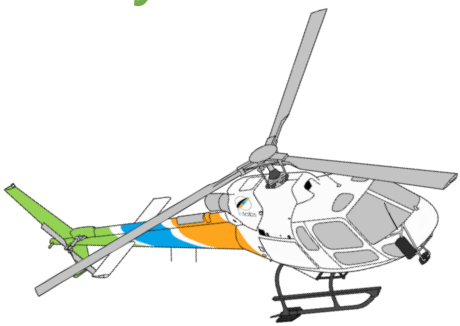
THE INNOVATIVE HELICOPTER

QUICK REFERENCE HANDBOOK

Take control of your Cockpit documentation

Made by Pilots For your Pilots



START-UP REQUEST

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