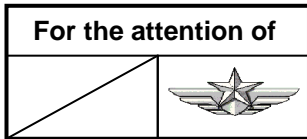


# SAFETY PROMOTION NOTICE

**SUBJECT: GENERAL**

**Proactive decision-making with Airbus Helicopters' "Before Your Flight" risk assessment app**



AIRCRAFT CONCERNED	Version(s)	
	Civil	Military
EC120	B	
AS350	B, BA, BB, B1, B2, B3, D	
AS355	E, F, F1, F2, N, NP	
EC130	B4, T2	
SA365 / AS365	C1, C2, C3, N, N1, N2, N3	
EC155	B, B1	
SA330	J	
SA341	G	
SA342	J	
ALOUETTE II	313B, 3130, 318B, 318C, 3180	
ALOUETTE III	316B, 316C, 3160, 319B	
LAMA	315B	
EC225	LP	
AS332	C, C1, L, L1, L2	
EC175	B	
BO105	C (C23, CB, CB-4, CB-5), D (DB, DBS, DB-4, DBS-4, DBS-5), S (CS, CBS, CBS-4, CBS-5), LS A-3	
MBB-BK117	A-1, A-3, A-4, B-1, B-2, C-1, C-2, C-2e, D-2, D-2m, D-3, D-3m	
EC135	T1, T2, T2+, T3, P1, P2, P2+, P3, EC635 T1, EC635 T2+, EC635 T3, EC635 P2+, EC635 P3, T3H, P3H, EC635 T3H, EC635 P3H	

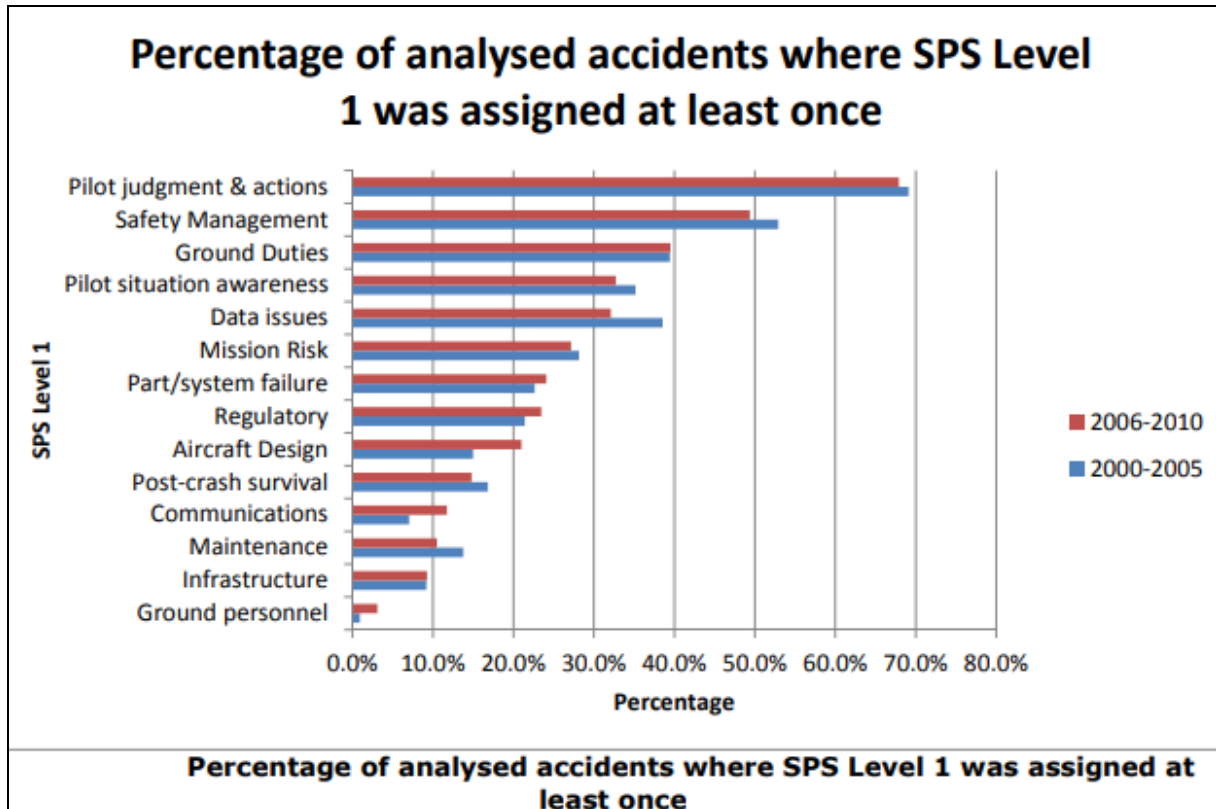
Reason for revision 1: The update of this Safety Promotion Notice is to introduce new features in the application.

### No. 3400-P-00

## What is Pre-Flight Risk Assessment?

Pre-flight risk assessment is a best practice aimed at supporting flight preparation and the implementation of risk mitigations before the flight. This is not a check list: the goal is to provide a clear overview of the risks you are exposed to during your upcoming flight. This will help you identify the parameters to be considered for the risk reduction for this planned flight.

The report published by ESPN-R (formerly EHEST) shows that for Europe, all OEMs taken into account, Safety Management & Mission Risks were a significant contributor to the accident scenarios analyzed from 2000 to 2010.



From: EHEST ANALYSIS published in 2015. [LINK](#)

ESPN-R (formerly EHEST) already published a few years ago a free example of such tool as an Excel sheet [LINK](#).

### No. 3400-P-00

## What's new in "Before Your Flight"?

As part of Airbus Helicopters' cooperation with ESPN-R and within the scope of EPAS (European Plan for Aviation Safety) task SPT.092, we have worked on a more user-friendly version of this previous work.

The app includes the following functions:

- the risk evaluation template is available in 9 languages (Chinese, English, French, German, Japanese, Korean, Portuguese, Russian and Spanish),
- the risk evaluation can be shared with the company's SMS manager if the user is willing to do so,.
- a library and links to various safety group publications and articles are available to illustrate and document known dangers.

Composed of a multi-axis questionnaire related to environmental, personal condition, mission-related, and organizational parameters of a future flight (that is planned), "Before Your Flight" takes pilots through some questions about their experience on the helicopter, how vital the mission is, the helicopter's deferred maintenance, the terrain likely to be found, and much more. At the end, pilots are provided with a risk assessment, and even with mitigation suggestions.

## How can I find the App?

Under the name "Before Your Flight", the app is available in the Apple App store for iOS and in the Google Play Store for Android users.



**AIRBUS**

## How to perform the evaluation?

Please note that the purpose of the initial registration creation is only to link past evaluations to the user. Only the user can see those evaluations. Airbus Helicopters is not able to link a pilot to his past evaluations. Please refer to the privacy policy of the app.

### No. 3400-P-00

The screenshot shows a mobile application interface for registration. At the top, there is a status bar with 'Free 4G', '11:10', and '69%' battery. Below the status bar is a dark blue header with a back arrow, the word 'register', and a signal strength indicator. The form consists of several input fields: 'First Name' with the value 'Jhon', 'Last Name' with the value 'Captain', 'Email' with the value 'Jhoncaptain@privatexompany.fr', 'Password' (masked with 8 dots), and 'Confirm Password' (masked with 8 dots). Below these fields is a dropdown menu for 'Select preferred language' currently set to 'Deutsche'. At the bottom of the form is a large dark blue button labeled 'Register'.

The evaluation asks you to enter the aircraft ID and intended flight time to simplify later consultation of the archives for the pilot user.

The evaluation also asks you to enter the company for which the flight is performed. **This is an optional step.** This enables the pilot to share the risk evaluation with his company representative if he wishes to do so.

## How to change the language?

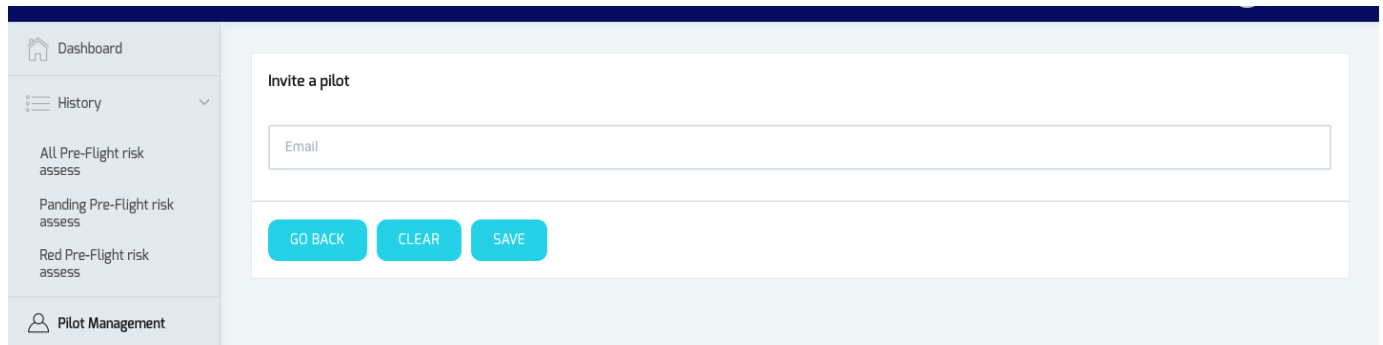
You can change the language in the parameters.

Please note that you need to log out and log in again after changing the language for it to take effect.

### No. 3400-P-00

How can a company oversee the pilot reports?

Please contact [contact.aviationsafety.ah@airbus.com](mailto:contact.aviationsafety.ah@airbus.com) to request the setup of a company account for your SMS manager. You will be provided with an URL, account and password. You can then add the email address the pilots used for registration.



The screenshot shows a web interface for 'Pilot Management'. On the left is a sidebar menu with options: 'Dashboard', 'History' (with a dropdown arrow), 'All Pre-Flight risk assess', 'Panding Pre-Flight risk assess', 'Red Pre-Flight risk assess', and 'Pilot Management' (with a person icon). The main content area is titled 'Invite a pilot' and contains a text input field labeled 'Email'. Below the input field are three buttons: 'GO BACK', 'CLEAR', and 'SAVE'.

Please note: the pilots then need to select the company when they do an evaluation.

## 2021 added features

In 2021, these new features were added:

- download of reports in PDF format, available at the end of the risk assessment or in the archives
- automatic retrieval of the "country" data from the profile if not entered at the beginning of the risk assessment
- automated password recovery

## Article from ESPN-R

If you want further information on other available solutions, please refer to the article by [ESPN-R](#).