



EUROPEAN AVIATION SAFETY AGENCY
AGENCE EUROPÉENNE DE LA SÉCURITÉ AÉRIENNE
EUROPÄISCHE AGENTUR FÜR FLUGSICHERHEIT



Helicopter Safety: Where are we now? The IHST and EHEST Contribution

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Your safety is our mission.



- IHST Goal: To reduce worldwide civil helicopter accident rate by 80% by 2016!



IHST

International Helicopter Safety Team

Our Goal is to Reduce the Civil Helicopter Accident Rate by 80% by 2016.

Login || Register || 13 March 2012



IHST

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Our Goal is to Reduce the Civil Helicopter Accident Rate by 80% by 2016.

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IHST SAFETY TOOLS ARE FREE AND EASY TO USE.

Click the photo for one of our toolkits.



Toolkits & Videos


- Safety Management
- Training
- Technology/Data
- Maintenance
- Informational

IHST Reports

- [US JHSAT Compendium – Volume I](#)
- [US JHSAT Compendium – Volume II](#)
- [Canadian JHSAT Final Report](#)
- [EHEST Final Report 2000-2005](#)
- [EHEST 2008/2009 Preliminary Findings](#)
- [EHEST Final Report \(French, German, Spanish\)](#)

EHEST
Component of ESSI

the Teams | Publications | Activities | Other Safety teams and links



HST Maintenance toolkit

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Latest news

- New Executive Committee members for the International Helicopter Safety Team
- HAI SMS Video
- IHST helicopter SMS Toolkit
- HEI Training Leaflet – Safety considerations (Russian version)
- HEI Helicopter Off Airfield Landing Site Operations published on Jan 2012

EHEST, the European Helicopter Safety Team

[ESSI Publications Survey: Please provide us with your feedback and comments on our safety publications by filling in this short online questionnaire. It takes 5 minutes to complete. Thank you for your contribution.](#)

Launched on November 2006, the European Helicopter Safety Team (EHEST) brings together manufacturers, operators, research organisations, regulators, accident investigators and a few military operators from across Europe. EHEST is the helicopter branch of the [ESSI](#), and also the European component of the International Helicopter Safety Team ([IHST](#)).

FLIGHT SAFETY

Looking back at 2009, we can see more activities to increase flight safety than in all the years before. We see the EHEST EASA team with Michael Masson in the forefront, but also Matt Zuccaro, president of HAI, who has been one of the most outspoken advocates of flight safety. But there have been so many meetings, workshops, conclusions, letters of intent etc., that we all need more orientation to see through it all. With the help of EASA, 4ROTORs will start to shed more light on it and facilitate that orientation.

A Year For Flight Safety

Update on the Progress of the Major European Helicopter Safety Partnership

What has the European Helicopter Safety Team achieved after three years of operation? This article describes the initiative's organisation, mentions its links to the European Strategic Safety Initiative (ESSI) and the International Helicopter Safety Team (IHST), and introduces the various EHEST teams and sub-teams. It also reports on main achievements and unveils plans for 2010-2012. Ready to take off?

community. Currently, more than 150 organisations participate. The basic principle is to improve aviation safety by complementing regulatory action by voluntarily committing to cost-effective safety enhancements. Analysis of occurrence data, coordination with other safety initiatives and implementation of cost-effective action plans are carried out to achieve fixed safety objectives. The ESSI has three components: the European Commercial Aviation Safety Team (ECAST), the European General Aviation Safety Team (EGAST), and the European Helicopter Safety Team (EHEST). ECAST is co-chaired by EASA and IATA, EGAST by EASA and ECOGAS and EAC, and EHEST by EASA, Eurocopter, and EHOC. Progress of the initiative is reported on a yearly basis in the EASA Annual Safety Review and in various publications, articles, and presentations in International Conferences.

The International Helicopter Safety Team (IHST)
EHEST is also the European branch of the International Helicopter Safety Team (IHST). IHST was formed as a major initiative to improve helicopter safety worldwide.

The European Helicopter Safety Team (EHEST)
EHEST took off in 2006 as the helicopter component of

EHEST Composition and Governance

- Safety Partnership with more than 75 organisations
- Co-chaired by EASA, EHOC and Eurocopter

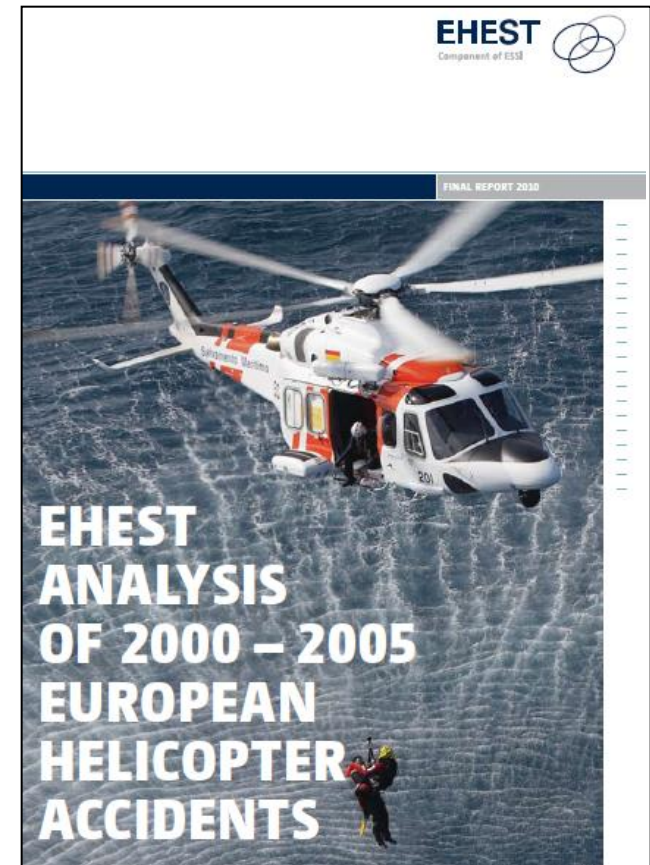
European Figures

- Background data
 - Approximately 6800 helicopters registered in Europe
- Safety data from the EASA Annual Safety Review
 - Approximately 100-120 civil helicopter accidents a year in Europe
 - Average 16 fatal accidents per year reported for 2006-2009



EHEST Accident Analysis

- Analysis of 311 accidents
(definition ICAO Annex 13)
- Years 2000 – 2005
- Occurred in EASA States



- Implementation teams established to address the top safety issues:
 - Operations and SMS
 - Training
 - Maintenance
 - Technology



SMS toolkits (chronology)

- IHST SMS Toolkit and HAI video
- IS-BAO revision 2012
 - Helicopter compatible
 - SMS Module
 - Accreditation scheme
 - European CEN Standard
- EHEST SMS Manual, 2012
 - Medium/small operators *
 - Small operators

Includes a pre-flight Risk Mgt CL



* Published 1S 2012; feedback welcome

► Helicopter Safety Video: Degraded Visual Environment (DVE)





- Degraded Visual Environment (DVE)
- Vortex Ring State
- Loss of Tail rotor Effectiveness (LTE)
- Static and dynamic rollover



CONSIDERAZIONI SULLA SICUREZZA

METODI PER MIGLIORARE LA COMPETENZA DEI PILOTI DI ELICOTTERO

OPUSCOLO TECNICO AGGIORNATO



ПОЛОЖЕ ПО БЕЗОПАС

ПРЕДЛАГАЕТСЯ
ЕВРОПЕЙСКОЙ ВЕРТОЛЕТНОЙ ГРУППЕ
И
ООО «ЭЛАЙД ЭВИЭШН КО

Training



Translations
in progress

Video – Spanish – Operating in the vicinity of electric utility infrastructure

The information presented in this video provides general safety guidelines related to operating aircraft in the vicinity of electric utility infrastructure.



[Part 01 – 70 Mo](#)

[Part 02 – 66 Mo](#)

[Part 03 – 55 Mo](#)

This video was [originally produced in English by the US HAI](#) (Helicopter Association International) and was translated into Spanish by [INAER Aviation Spain](#).

- Developed by EHEST and IHST
- Worldwide application



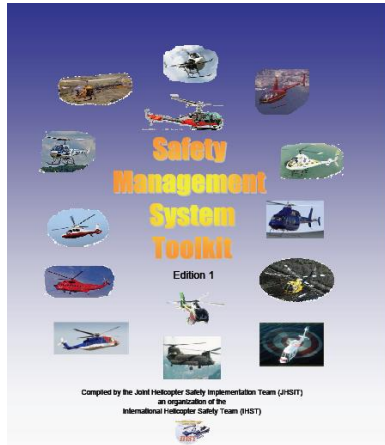
•Technology

- Assess the safety benefits of Technologies and opportunities for R&D

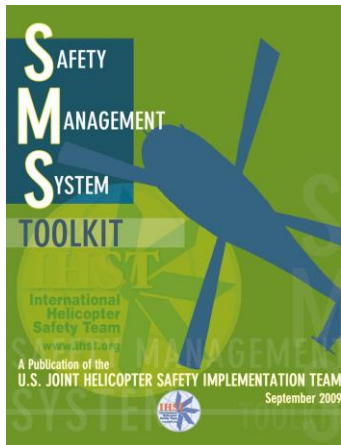


IHST SAFETY TOOLKITS

SMS 1st Edition



Edition 2



Russian



Edition 2



Portuguese



Translation of Toolkits in Progress

Where are we in 2012 with regard to the IHST Objective of 80% reduction of the accident rate?



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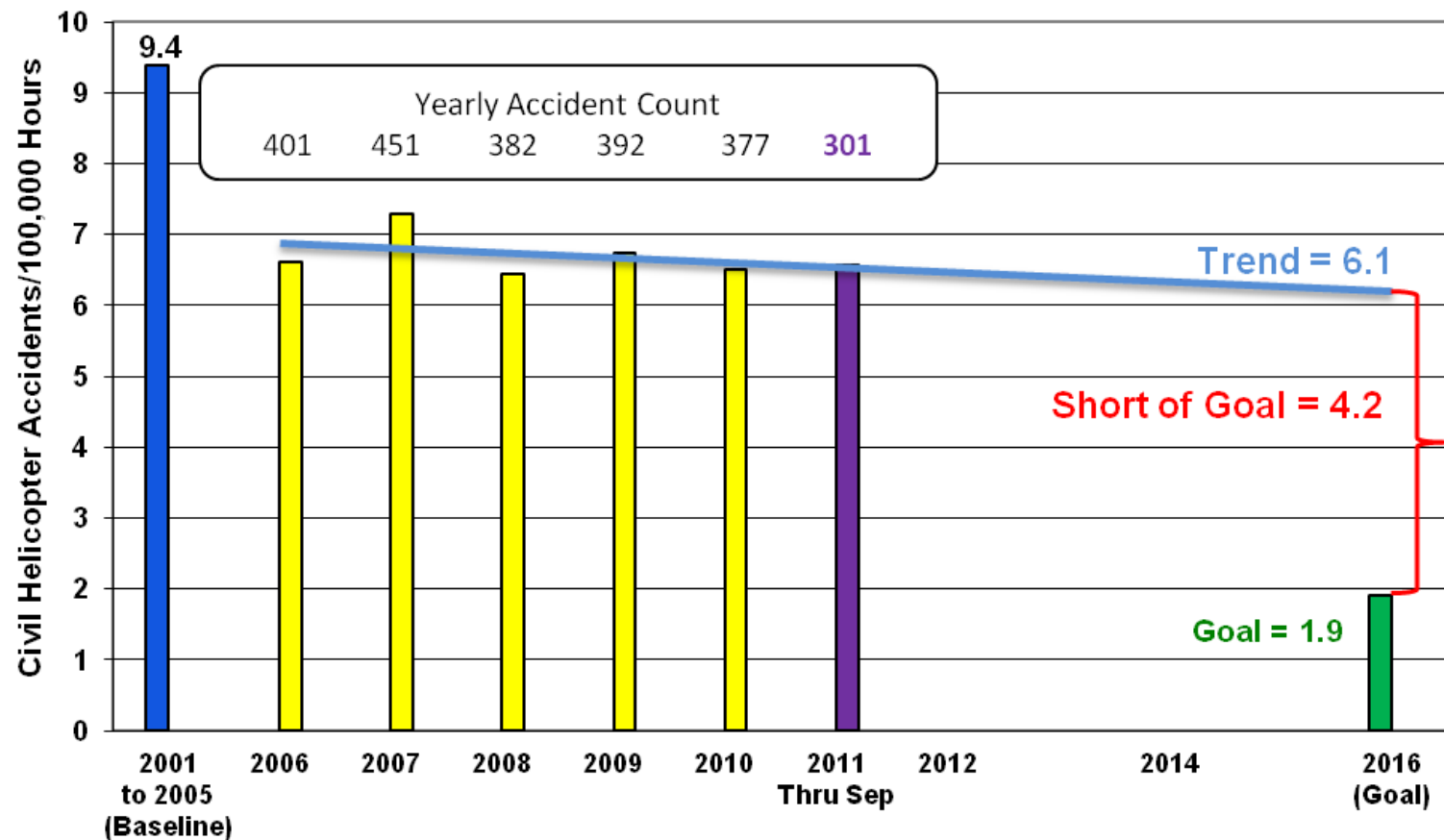
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Worldwide:

Accident Rate Trend Toward the IHST 80% Reduction Goal





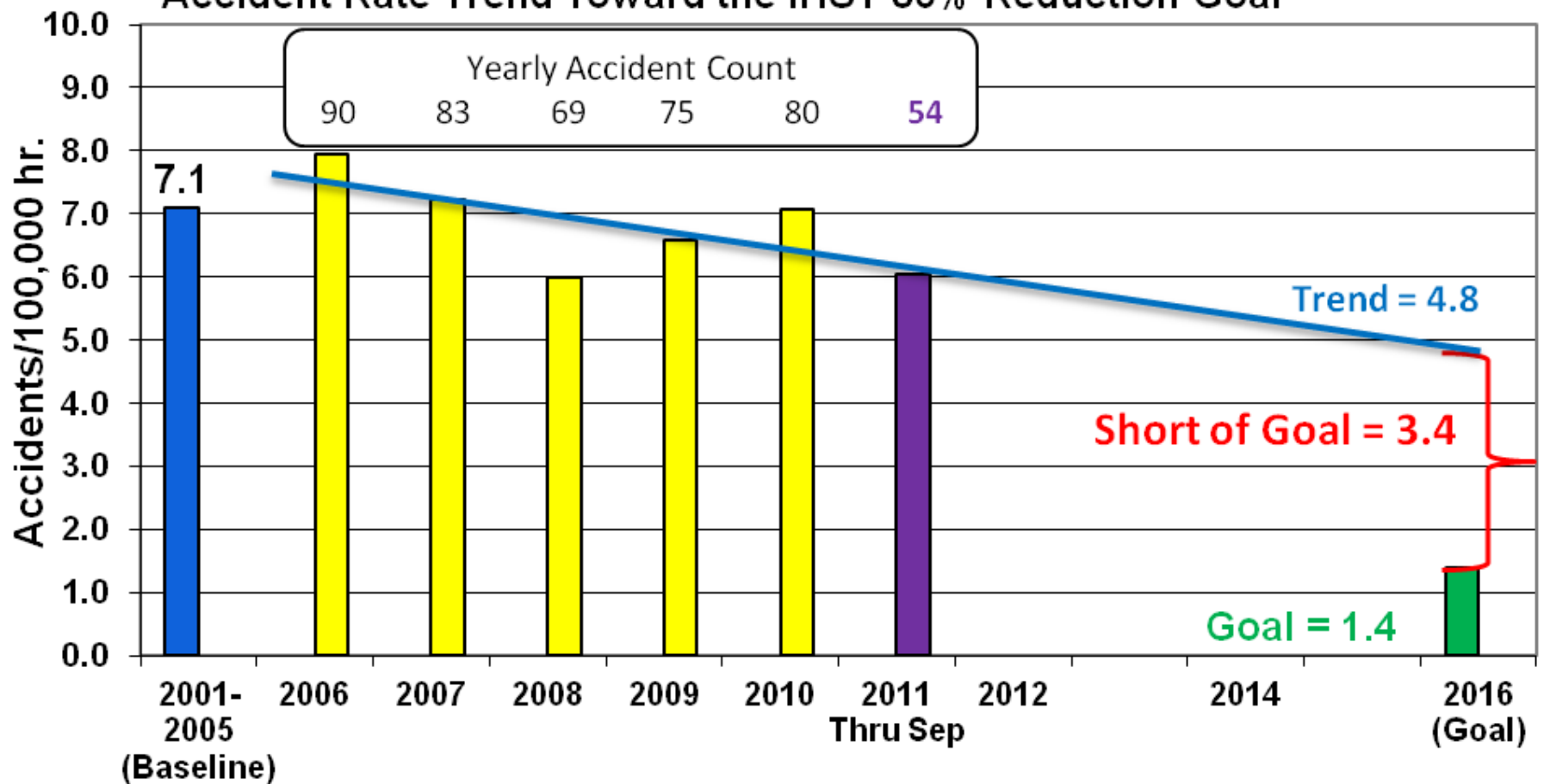
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Europe:

Accident Rate Trend Toward the IHST 80% Reduction Goal



- Product development
 - New safety leaflets and videos
- Communication
 - Articles and publications
 - Presentations in Intl. Conferences
 - Helicopter Safety Days
 - Manufacturer and operator networks



Special attention to the single pilots and General Aviation needed!

