

Library of Safety Recommendations of Global Concern

User guide

The Library is accessible on the ICAO AIG-website at:

[https://www.icao.int/safety/airnavigation/AIG/Pages/Safety-Recommendations-of-Global-Concern-\(SRGC\).aspx](https://www.icao.int/safety/airnavigation/AIG/Pages/Safety-Recommendations-of-Global-Concern-(SRGC).aspx)

Currently the Library contains approximately 430 SRGCs.

Please do not hesitate to provide your comments to: adekock@icao.int and/or AIGInbox@icao.int

The Library is based on the ECCAIRS 5 software.

A list of the SRGC records are displayed on the initial screen and individual SRGC may be accessed. In most cases a link is provided in the SRGC's record to the associated Final Report, or in the case of a safety study, to the report of the safety study.

The SRGC Library was developed in cooperation with the European Union and is based on the Safety Recommendations Information System (SRIS). The SRIS taxonomy was developed to operate in the ECCAIRS software. Records of SRGC in the library were obtained from two sources:

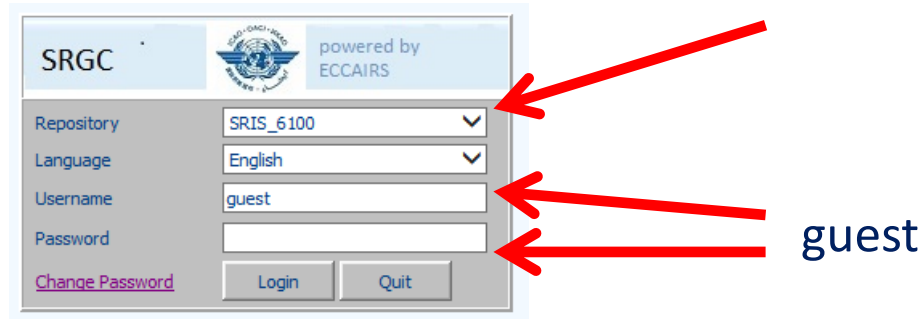
1. Records submitted to ICAO by States.
2. The other records were obtained from the European SRIS.

The Final Reports may appear in any of the ICAO official languages.

Library of SRGC

The SRGC Library opening page, as illustrated on the next slide, requires a login to access the library.

Ensure that the repository chosen is the SRIS_6100. The library is available only in English. Currently, it provides for guest login so the username and password are both “guest”.

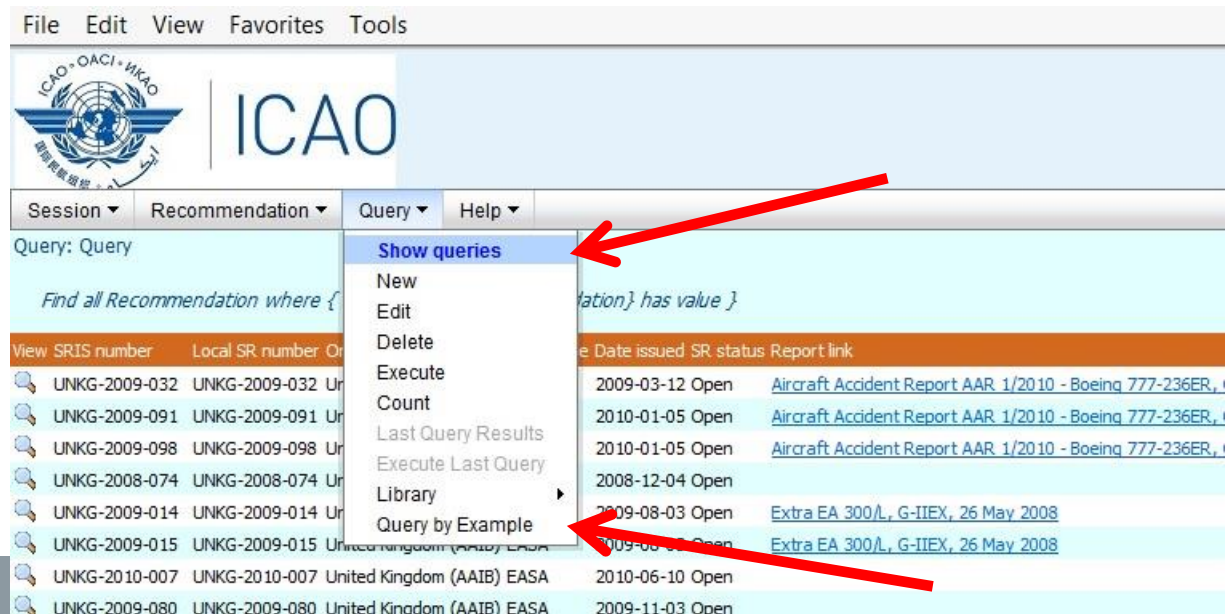


The screenshot shows the SRGC Library login interface. At the top left is the SRGC logo, and at the top right is the text "powered by ECCAIRS". Below this is a form with the following fields:

Repository	SRIS_6100
Language	English
Username	guest
Password	

At the bottom of the form are two buttons: "Login" and "Quit". A link labeled "Change Password" is located to the left of the "Login" button. Three red arrows point to the "Repository", "Username", and "Password" fields, with the word "guest" written next to the arrow pointing to the Password field.

To run a query, hover with your mouse over “Query” in the top banner and click on “Show queries” for a set of six standard queries. Alternatively click on “Query by example” to run an advanced query. Both these options will be explained in the next slides.



The screenshot shows the ICAO SRGC web application interface. The top navigation bar includes 'File', 'Edit', 'View', 'Favorites', and 'Tools'. Below this is the ICAO logo and the text 'ICAO'. The main interface has a dropdown menu for 'Query' which is currently open, showing options: 'Show queries', 'New', 'Edit', 'Delete', 'Execute', 'Count', 'Last Query Results', 'Execute Last Query', 'Library', and 'Query by Example'. Two red arrows point to 'Show queries' and 'Query by Example'. Below the dropdown menu, there is a table with columns: 'View', 'SRIS number', 'Local SR number', 'Or', 'Date issued', 'SR status', and 'Report link'. The table contains several rows of data, including entries for UNKG-2009-032, UNKG-2009-091, UNKG-2009-098, UNKG-2008-074, UNKG-2009-014, UNKG-2009-015, UNKG-2010-007, and UNKG-2009-080.

View	SRIS number	Local SR number	Or	Date issued	SR status	Report link
	UNKG-2009-032	UNKG-2009-032	Ur	2009-03-12	Open	Aircraft Accident Report AAR 1/2010 - Boeing 777-236ER, I
	UNKG-2009-091	UNKG-2009-091	Ur	2010-01-05	Open	Aircraft Accident Report AAR 1/2010 - Boeing 777-236ER, I
	UNKG-2009-098	UNKG-2009-098	Ur	2010-01-05	Open	Aircraft Accident Report AAR 1/2010 - Boeing 777-236ER, I
	UNKG-2008-074	UNKG-2008-074	Ur	2008-12-04	Open	
	UNKG-2009-014	UNKG-2009-014	Ur	2009-08-03	Open	Extra EA 300/L, G-IIEX, 26 May 2008
	UNKG-2009-015	UNKG-2009-015	Ur	2009-08-03	Open	Extra EA 300/L, G-IIEX, 26 May 2008
	UNKG-2010-007	UNKG-2010-007	United Kingdom (AAIB) EASA	2010-06-10	Open	
	UNKG-2009-080	UNKG-2009-080	United Kinadom (AAIB) EASA	2009-11-03	Open	

Standard queries

The query page for standard queries contain six queries, as illustrated on the next slide. The six queries relate to:

- aircraft make/model
- all SRGC in database
- SRGC file number
- originator
- aircraft registration
- topic of SRGC

To run a standard query click a “Run” icon in the right-hand column.

To obtain the number of records that would relate to a particular query, click the “Count” icon.

Standard queries

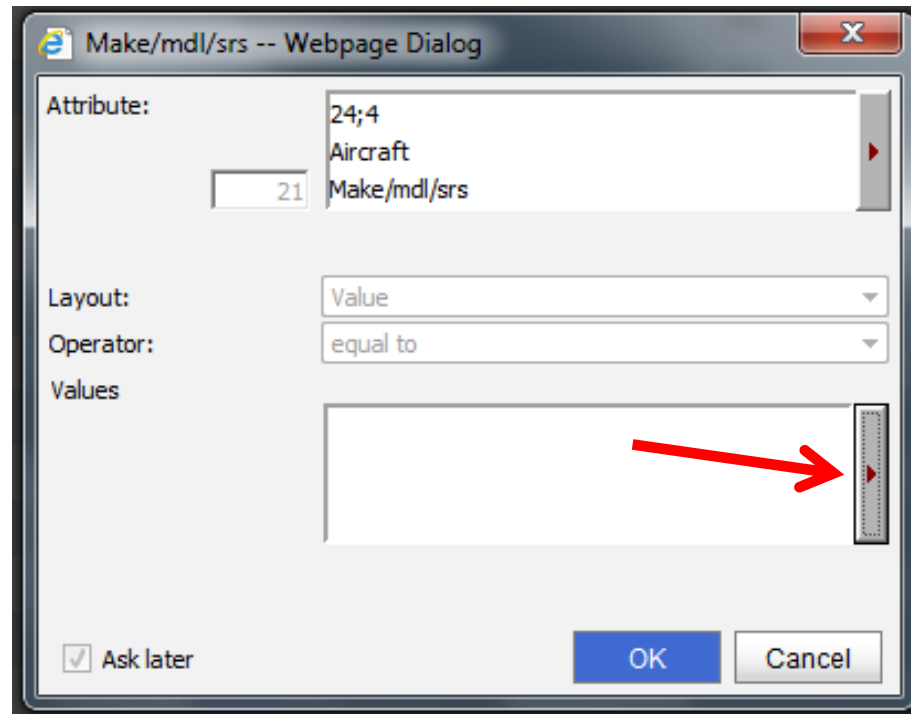
Query Library: Query

Query Name	Owner	Last Modification	Count	Run
aircraft model (ask)	GUEST	2016-12-20	0	
all	GUEST	2016-12-20	0	
file number like (ask)	GUEST	2016-12-20	0	
originator ask	GUEST	2016-12-20	0	
registration ask	GUEST	2016-12-20	0	
topic (ask)	GUEST	2016-12-20	0	



Aircraft make/model query

The aircraft make/model query will open a selection screen as follows:



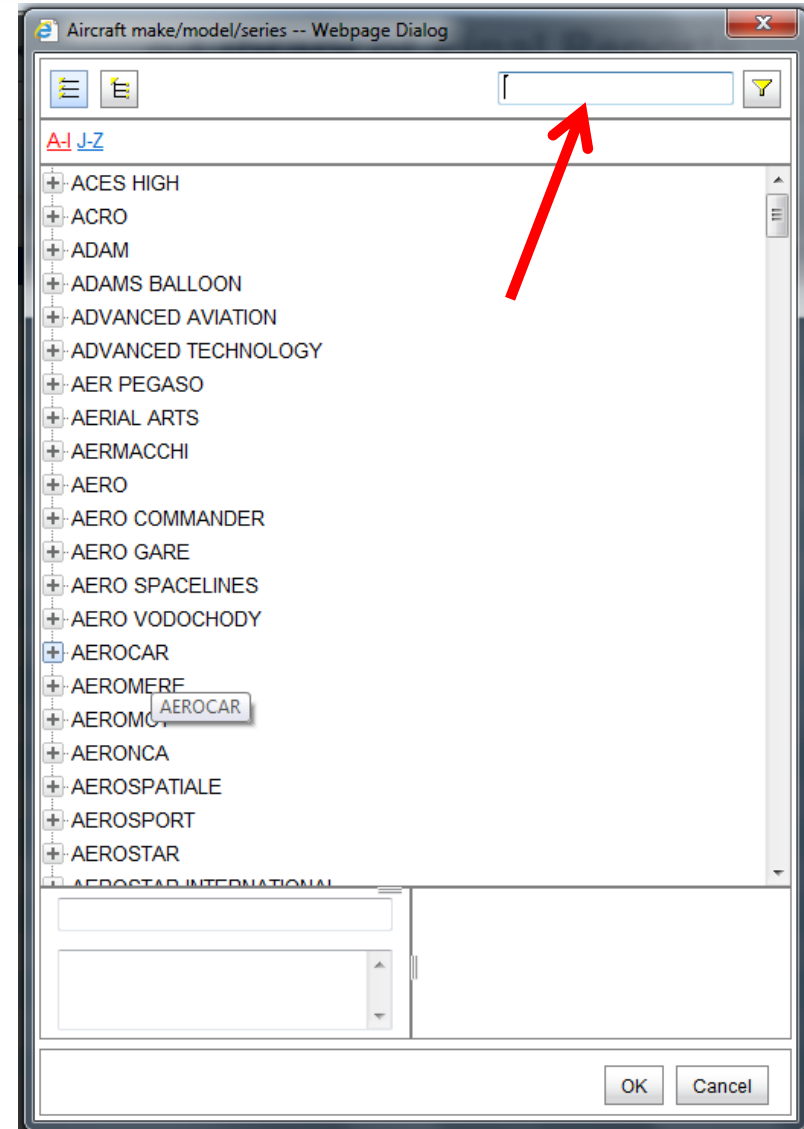
Click on the arrow head to select an aircraft make/model.



Aircraft make/model query

The aircraft make/model selection screen is as follows:

A search function is available by typing an aircraft make in the search box in the upper right corner, for example “Boeing”.





All and file number queries

The query to show all SRGC will open to the screen showing all SRGC in the database.

If the number of a particular SRGC is known, this query may be used. It will open a selection box as follows:

SRIS number

Attribute: Recommendation
SRIS number

1

Layout: Value

Operator: like (CI)

Value: CY.SIA-2011-0013

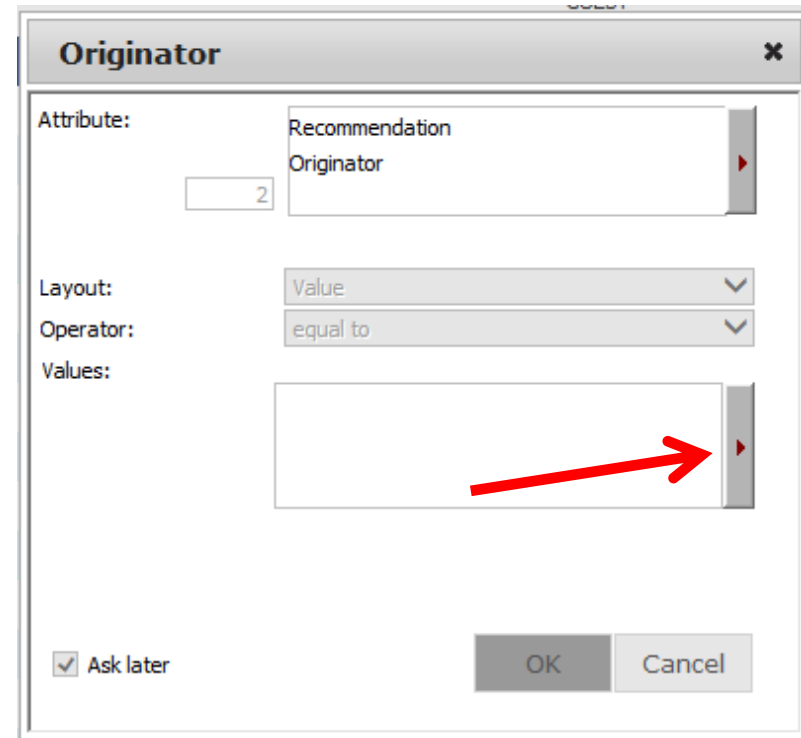
Ask later

OK Cancel

Type the number of the SRGC in the value box and click OK.

Originator query

The Originator query will open a selection screen as follows:



The screenshot shows a dialog box titled "Originator". It contains the following fields and controls:

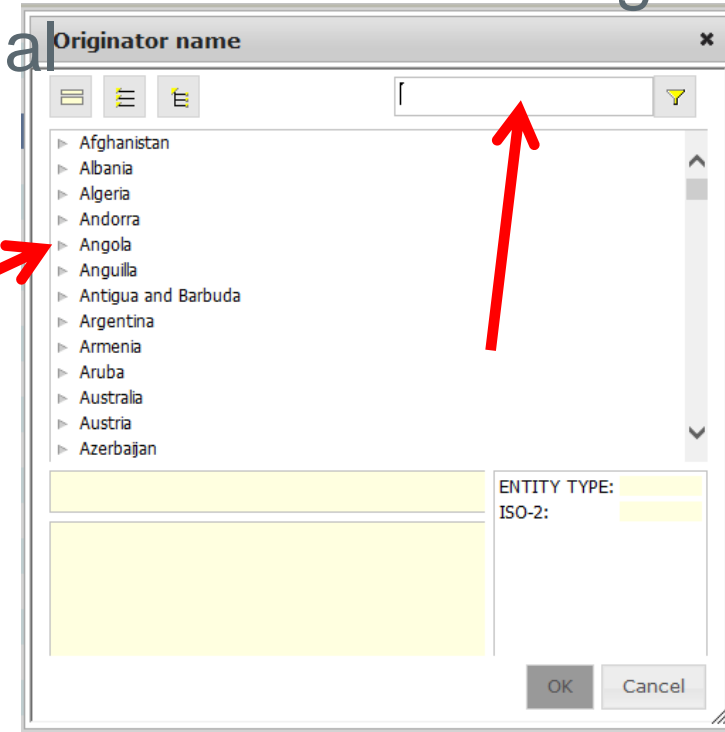
- Attribute:** A dropdown menu showing "Recommendation Originator". A small input box with the number "2" is positioned to the left of the dropdown.
- Layout:** A dropdown menu showing "Value".
- Operator:** A dropdown menu showing "equal to".
- Values:** An empty text input field with a red arrow pointing to its right-side arrow head.
- Bottom controls:** A checked checkbox labeled "Ask later", and "OK" and "Cancel" buttons.

Click on the arrow head to select an originator from the selection screen.

Originator query

The originator query will open a selection screen listing the names of States and international organizations as follows:

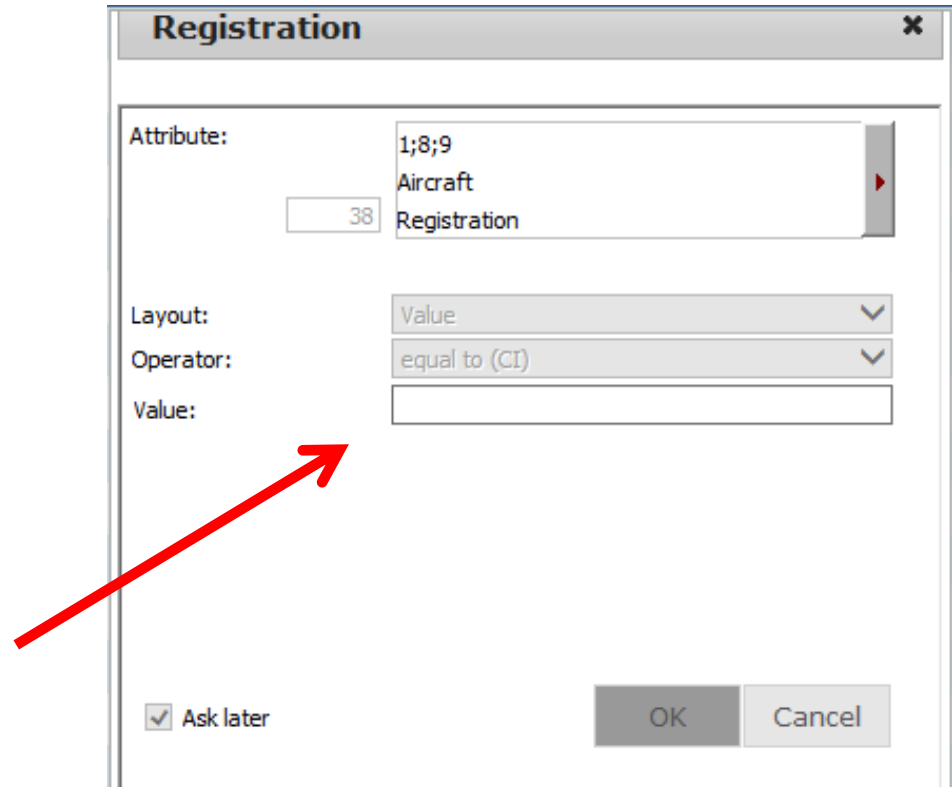
Click on the arrow on the left of the originator's name and select an organization within the State.



A search function is available by typing an originator's State name in the search box in the upper right corner, for example "Australia". Then choose the related organization.

Registration query

The registration query will open a selection screen. Type the registration of the aircraft into the Value box and click OK.



Registration

Attribute: 1;8;9
Aircraft
38 Registration

Layout: Value

Operator: equal to (CI)

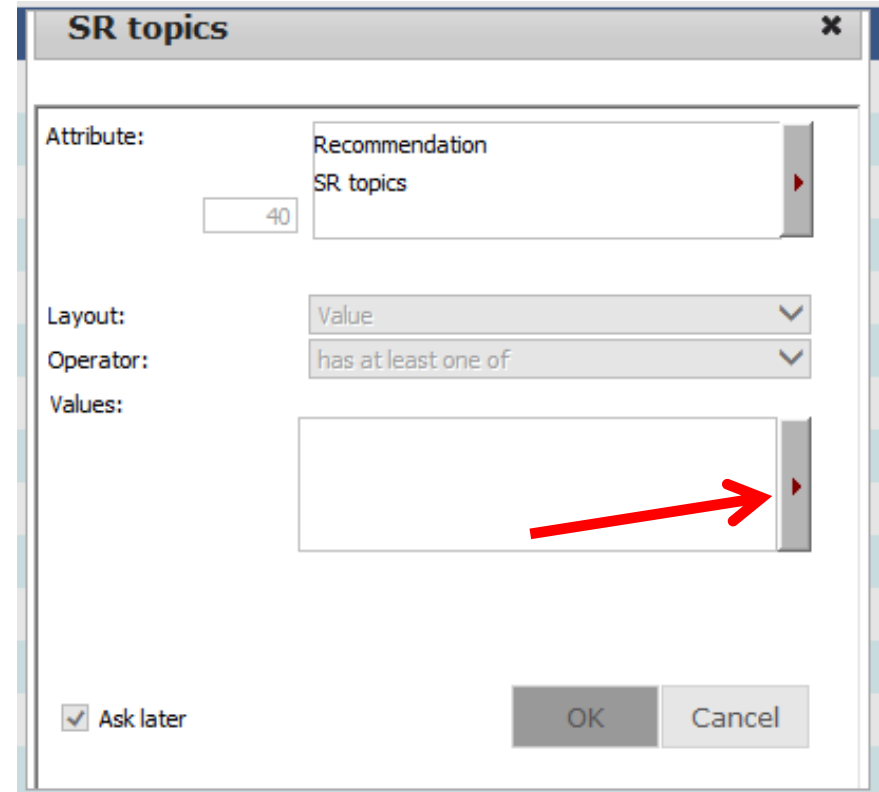
Value:

Ask later

OK Cancel

Topic query

The SRGC topic query will open a selection screen as follows:




The screenshot shows a dialog box titled "SR topics". It contains the following elements:

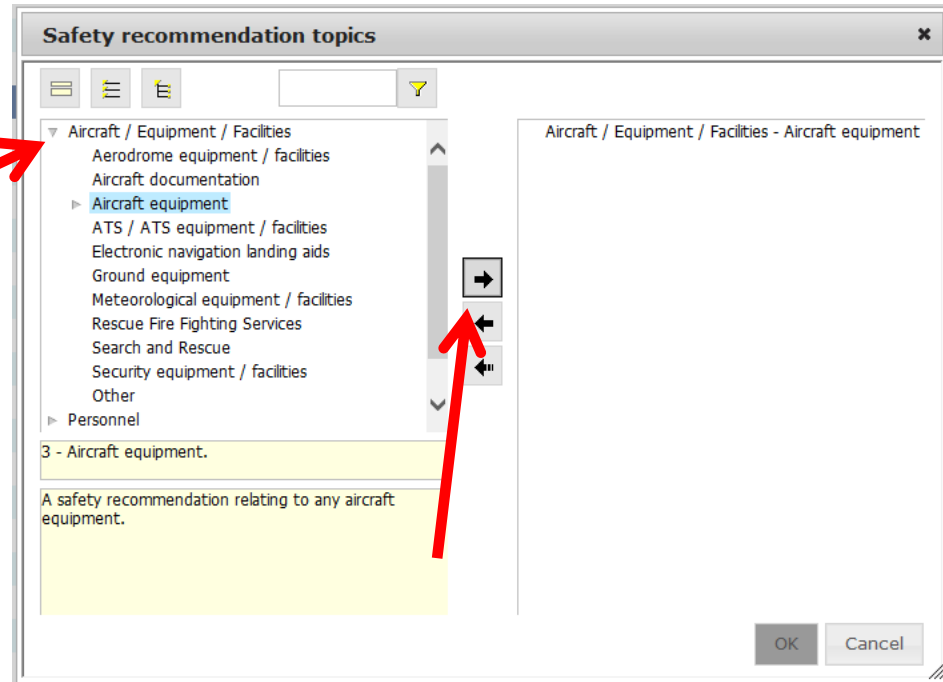
- Attribute:** A dropdown menu with "Recommendation" and "SR topics" visible. To its left is a text box containing the number "40".
- Layout:** A dropdown menu with "Value" selected.
- Operator:** A dropdown menu with "has at least one of" selected.
- Values:** An empty text box with a right-pointing arrow on its right side. A red arrow points to this arrow head.
- Bottom:** A checked checkbox labeled "Ask later", and "OK" and "Cancel" buttons.

Click on the arrow head to select a SRGC topic from the selection screen.

Topic query

The SRGC topic query will open a selection screen of the SRGC topics as follows:

Select the main topic and the sub-topic by clicking on them. Add to the topics list by clicking on the -icon. Several topics may be selected. Run the query by clicking “OK”.

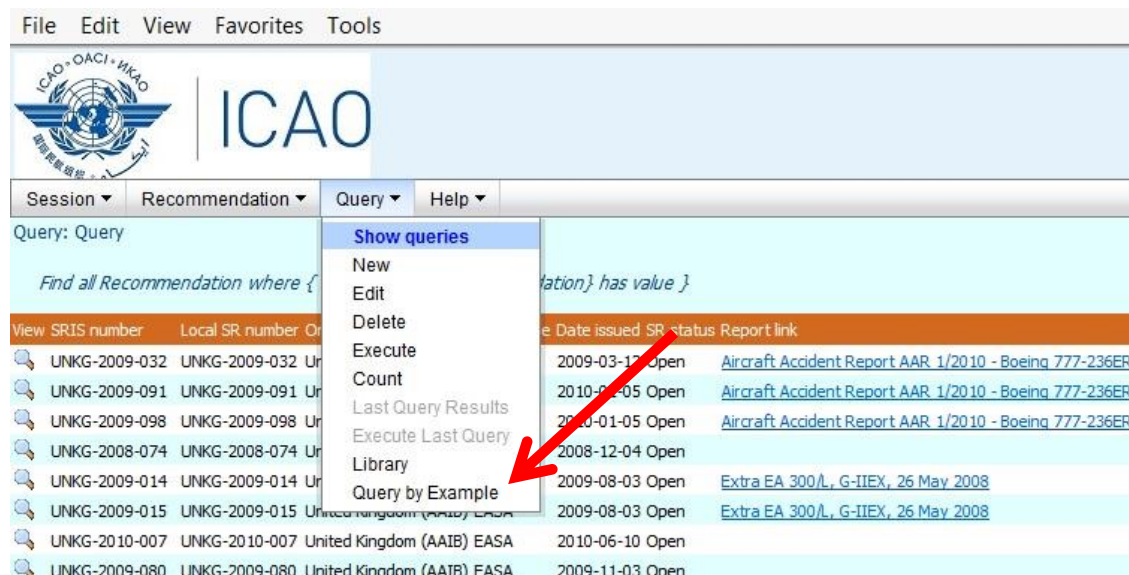


Enhanced Query

The “Query by example” option in the queries tab provides for advanced queries. Query options will be displayed as illustrated on the next slide.

- Any of the queries may be selected and running them is similar to running a standard query.

Note: Only one or multiple attributes may be queried.



The screenshot shows the ICAO SAFETY application interface. The 'Query' menu is open, and the 'Query by Example' option is highlighted with a red arrow. The main window displays a table of queries with columns for 'View', 'SRIS number', 'Local SR number', and 'Query'. The table contains several rows of query results, including '2009-03-17 Open Aircraft Accident Report AAR 1/2010 - Boeing 777-236ER, I', '2010-01-05 Open Aircraft Accident Report AAR 1/2010 - Boeing 777-236ER, I', '2010-01-05 Open Aircraft Accident Report AAR 1/2010 - Boeing 777-236ER, I', '2008-12-04 Open', '2009-08-03 Open Extra EA 300/L, G-IIEX, 26 May 2008', '2009-08-03 Open Extra EA 300/L, G-IIEX, 26 May 2008', '2010-06-10 Open', and '2009-11-03 Open'.

View	SRIS number	Local SR number	Query	Date issued	SR status	Report link
	UNKG-2009-032	UNKG-2009-032	Ur	2009-03-17	Open	Aircraft Accident Report AAR 1/2010 - Boeing 777-236ER, I
	UNKG-2009-091	UNKG-2009-091	Ur	2010-01-05	Open	Aircraft Accident Report AAR 1/2010 - Boeing 777-236ER, I
	UNKG-2009-098	UNKG-2009-098	Ur	2010-01-05	Open	Aircraft Accident Report AAR 1/2010 - Boeing 777-236ER, I
	UNKG-2008-074	UNKG-2008-074	Ur	2008-12-04	Open	
	UNKG-2009-014	UNKG-2009-014	Ur	2009-08-03	Open	Extra EA 300/L, G-IIEX, 26 May 2008
	UNKG-2009-015	UNKG-2009-015	United Kingdom (AAIB) EASA	2009-08-03	Open	Extra EA 300/L, G-IIEX, 26 May 2008
	UNKG-2010-007	UNKG-2010-007	United Kingdom (AAIB) EASA	2010-06-10	Open	
	UNKG-2009-080	UNKG-2009-080	United Kinadom (AAIB) EASA	2009-11-03	Oopen	

Query by example

Query by Example ✕

STANDARD FORM ▼ Definition

SRIS number [Value] contains and

Local SR number [Value] contains and

Date issued [Date (DD/MM/YYYY or other system format)] between and and

SR status [Value] equal to ▼ and

Originator [Value] has at least one of ▶ and

Addressee [Value] has at least one of ▶ and

SR topics [Value] has at least one of ▶ and

Response assessment [Value] has at least one of ▶

Save Last Clear Feed OK Cancel

Query results

When a query is run, the results screen will be displayed as illustrated on the next slide.

- The related query will appear in text format below the query bar.
- A list of all records found by the query will be displayed. To access the SRGC record, click on the magnifying glass icon in the left column.
- In the lower right-hand corner, the number of recommendations records found is displayed.
- To exit back to the standard query screen, hover over the “Query ▼” icon in the upper left-hand of the screen and click on “Show queries” when it appears.

Query results

File Edit View Favorites Tools



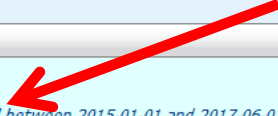
Safety Recommendations of Global Concern
SRGC

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Session Recommendation Query Help

Query: STANDARD FORM

Find all Recommendation where { { Date issued {Recommendation} [Date (DD/MM/YYYY or other system format)] between 2015-01-01 and 2017-06-01 (Value to Ask) } }



View	SRIS number	Local SR number	Originator	Addressee	Date issued	SR status	Report link	Headline
	L2014-01	L2014-01	Finland (SIA)	ICAO	2015-02-02	Open		ICAO standardise the colours of pyrotechnical system parts so that they are clearly distinguishable and easily identifiable.
	CY.SIA-2015-0004	16.15.01.10/10	Cyprus (AIIIB)	DCA (& HERMES AIRPORTS)	2015-02-22	Closed		TWY Can be constructed in order to enable aircraft to line up on runway 04 threshold with green leading lights when entering
	ES.SIA-2015-0033	REC 33/15	Spain (CIAIAC)	CAA (DGAC)	2015-06-24	Open	Final report A-029/2012	Requirements regarding the registration of emergency locator transmitters
	BG.SIA-2015-0002	001/2015	Bulgaria (AAIU)	Aircraft operator	2015-09-08	Open		Replacement of the main gears locks' type
	IE.SIA-2015-0012	IRLD2015012	Ireland (AAIU)	EASA	2015-09-21	Open	AAIU Final Report 2015-017	Occupant restraint in aircraft engaged in parachute operations
	2016-001-6.1(A)		Japan Transportation Safety Board	FAA	2016-01-27	Closed	Final Report	Improvement of certification requirements
	2016-001-6.1(B)		Japan Transportation Safety Board	FAA	2016-01-27	Closed		Improvement of certification requirements
	2016-001-6.2(C)		Japan Transportation Safety Board	FAA	2016-01-27	Closed		Improvement of certification requirements
	2016-001-6.2(D)		Japan Transportation Safety Board	FAA	2016-01-27	Closed		Studies should be made to install a visual display and an aural warning system which show gear touchdown status on MD-11
	GB.SIA-2015-0025	2015-025	United Kingdom (AAIB)	EASA	2015-11-06	Open	G-LBAL Final Report	Definition of Vmini was ambiguous - Agusta AW139 (G-LBAL), Flight into terrain after takeoff in fog and at night, near Gillingham
	FR.SIA-2015-0047	FRAN-2015-040	France (BEA)	FAA	2015-10-23	Open	Final report	Training and documentation updating for operators and ATO about Uncommanded Nose Wheel Steering Procedure
	FR.SIA-2015-0053	FRAN-2015-046	France (BEA)	FAA	2015-10-23	Open	Final report	Certification requirements for ground spoiler Verification of ground spoiler activation during landing
	IE.SIA-2015-0010	IRLD2015010	Ireland (AAIU)	FAA	2015-09-21	Open	AAIU Final Report 2015-017	Importance of using correct sealant/process on engine parts
	IE.SIA-2015-0011	IRLD2015011	Ireland (AAIU)	EASA	2015-09-21	Open	AAIU Final Report 2015-017	Importance of using correct sealant/process on engine parts
	IE.SIA-2015-0013	IRLD2015013	Ireland (AAIU)	EASA	2015-09-21	Open	AAIU Final Report 2015-017	Occupant bracing position in aircraft engaged in parachute operations
	IE.SIA-2015-0014	IRLD2015014	Ireland (AAIU)	CAA	2015-09-21	Closed	AAIU Final Report 2015-017	Inspection for risk of cockpit control obstruction in aircraft engaged in parachute operations
	GB.SIA-2015-0015	2015-015	United Kingdom (AAIB)	FAA	2015-08-19	Open	AAR 2/2015 - ET-AOP Final Report	Ensure that the design of existing aircraft equipment powered by lithium-metal batteries incorporates acceptable circuit protection
	GB.SIA-2015-0016	2015-016	United Kingdom (AAIB)	FAA	2015-08-19	Open	AAR 2/2015 - ET-AOP Final Report	Require equipment manufacturers using lithium-metal batteries to demonstrate that the battery design incorporates acceptable protection
	GB.SIA-2015-0017	2015-017	United Kingdom (AAIB)	FAA	2015-08-19	Open	AAR 2/2015 - ET-AOP Final Report	Require manufacturers using lithium metal batteries in aircraft equipment to quantify the heat produced by the battery in discharge
	GB.SIA-2015-0018	2015-018	United Kingdom (AAIB)	FAA	2015-08-19	Open	AAR 2/2015 - ET-AOP Final Report	Require manufacturers of lithium-metal batteries and manufacturers of aircraft to conduct battery-level and equipment level testing
	GB.SIA-2015-0019	2015-019	United Kingdom (AAIB)	FAA	2015-08-19	Open	AAR 2/2015 - ET-AOP Final Report	Review aircraft equipment powered by lithium-metal batteries to determine whether they comply with the intent of TSO Toxic Gas Venting Precautions
	GB.SIA-2015-0020	2015-020	United Kingdom (AAIB)	FAA	2015-08-19	Open	AAR 2/2015 - ET-AOP Final Report	Review whether the TSO Toxic Gas Venting Precautions should be applied to portable aircraft equipment powered by lithium-metal batteries
	GB.SIA-2015-0022	2015-022	United Kingdom (AAIB)	EASA	2015-08-05	Closed	G-JMAB Final Report	Standardisation of door exit designations, Boeing 757-300 (G-JMAB) Deployment of right over-wing slide in flight, London Heathrow
	IE.SIA-2015-0008	IRLD2015008	Ireland (AAIU)	Design organisation (Jabiru Pty Ltd)	2015-07-06	Closed	AAIU Final Report 2015-013	Warning to be included on maintenance manuals re installation of oil cooler hoses
	IE.SIA-2015-0009	IRLD2015009	Ireland (AAIU)	Design organisation (Jabiru Pty Ltd)	2015-07-06	Open	AAIU Final Report 2015-013	Aircraft Manufacturer should promulgate deidentified details of subject event to users of its engines
	ES.SIA-2015-0032	REC 32/15	Spain (CIAIAC)	EASA	2015-06-24	Open	Final report IN-003/2011	Modification of the airworthiness certification requirements applicable to the design of Fan Cases
	GB.SIA-2015-0006	2015-006	United Kingdom (AAIB)	EASA	2015-05-14	Closed	G-EWZZ Final Report	Placarding of aircraft fitted with a Ballistic Parachute Recovery System - CZAW SportCruiser (G-EWZZ) Controlled flight into terrain
	GB.SIA-2015-0007	2015-007	United Kingdom (AAIB)	EASA	2015-05-14	Closed	G-EWZZ Final Report	Location of rocket launcher in aircraft fitted with a Ballistic Parachute Recovery System - CZAW SportCruiser (G-EWZZ) Controlled flight into terrain
	GB.SIA-2015-0008	2015-008	United Kingdom (AAIB)	EASA	2015-05-14	Closed	G-EWZZ Final Report	Dissemination of information for the Identification of aircraft with a Ballistic Parachute Recovery System - CZAW SportCruiser
	IE.SIA-2015-0003	IRLD2015003	Ireland (AAIU)	United States (Textron Aviation)	2015-01-21	Closed	AAIU Final Report 2015-001	Review possibility of publishing a Component Maintenance Manual for shock absorbers fitted to Beech Duchess 76 aircraft

Selecting an SRGC record will display an SRGC screen (illustrated on the next slide).

- To return to the query results screen, click “Last Query Results” in the lower right-hand corner.
- To exit back to the query screen, hover over the “Query ▼” icon and select either the “show queries” option or the “Query by Example” option in the upper left-hand of the screen.

File Edit View Favorites Tools

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SRGC

Session Recommendation Query Help

Recommendation IE.SIA-2015-0011 - Ireland - AAIU

ICAO_SRGC

Headline
 Importance of using correct sealant/process on engine parts

Administrative data

Originator	Ireland AAIU	Reference #	IE.SIA-2015-0011	Date issued	2015-09-21
SRGC indicator	Global Concern (SRGC)	SR topics	Aircraft / Equipment / Facilities Aircraft equipment Procedures / Regulations Aircraft maintenance/inspection	Date closure	
				SR status	Open
				Source type	Occurrence

Recommendation

English text Original language English

The European Aviation Safety Agency should consider issuing a Safety Information Bulletin highlighting the importance of using the correct sealant/process on the crankcase parting surfaces of engines manufactured by Teledyne Continental Motors.

Addressee

International Organisations
EASA Recomm. received
Date response close
Response status

Response

No description (Response Text n.1)
 Date received
 English text Original language

Occurrence

File number	IRL00914045	UTC date	2014-06-21	State/area	Europe and North Atlantic Ireland
Responsible entity	Ireland AAIU	Local date	2015-10-21		
Relation type		Occurrence class	Accident		
Registration	G-SKYE	Occurrence category	SCF-PP: powerplant failure or malfunction	Location	3 NM west of Abbeysh
Manufacturer/model	CESSNA 206 UNDESIGNATED engine				

Synopsis
 The aircraft, a Cessna TU206G, was being used for parachuting/skydiving activities at Abbeyshrule (EIAB) on the day of the accident. Shortly after take-off, the Pilot felt what was described as a "knock" following which the engine lost power. This resulted in the Pilot making a forced landing in a nearby field. There were five people on board the aircraft - the Pilot and four skydivers. The skydivers comprised of two tandem pairs, with each pair being made up of a qualified skydiver and a person skydiving for charity secured to him. Following the forced landing, all occupants successfully evacuated the aircraft, which sustained substantial damage. The Pilot and qualified skydivers reported no injuries at the scene. The two charity skydivers attended a local hospital, but were released a short time later. The Investigation found that the cause of the engine power loss was a failure of the crankshaft.

Recommendation: 14/70 Refresh [Last Query Results](#)



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Thank you