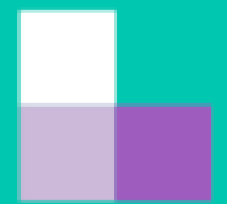
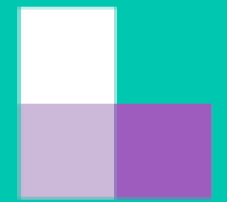


LTN Safety Stack



London
Luton
Airport



LTN Safety Stack

In 2015 an EU-funded project called Future Sky Safety was launched. One of its main aims was to adapt the EUROCONTROL safety culture approach, already used in air traffic organisations in more than 30 European countries, to the airline and airport side of the aviation operation. This was seen as strategic for safety, since there is significant cost pressure on the industry at present.

In 2016, London Luton Airport (LLA) and some of its key stakeholders participated in a Safety Culture Survey as part of an initiative funded by the European Commission under the Horizon 2020 Future Sky Safety Programme; this survey was conducted by the London School of Economics in collaboration with Eurocontrol. The primary objective of the survey was to identify safety culture across individual aviation stakeholder groups and to seek ways of enhancing safety across the aviation network. LLA hosted a two day workshop in January 2017 out of which the LTN Safety Stack was formed and several action points agreed by the stakeholder groups involved in the workshop.

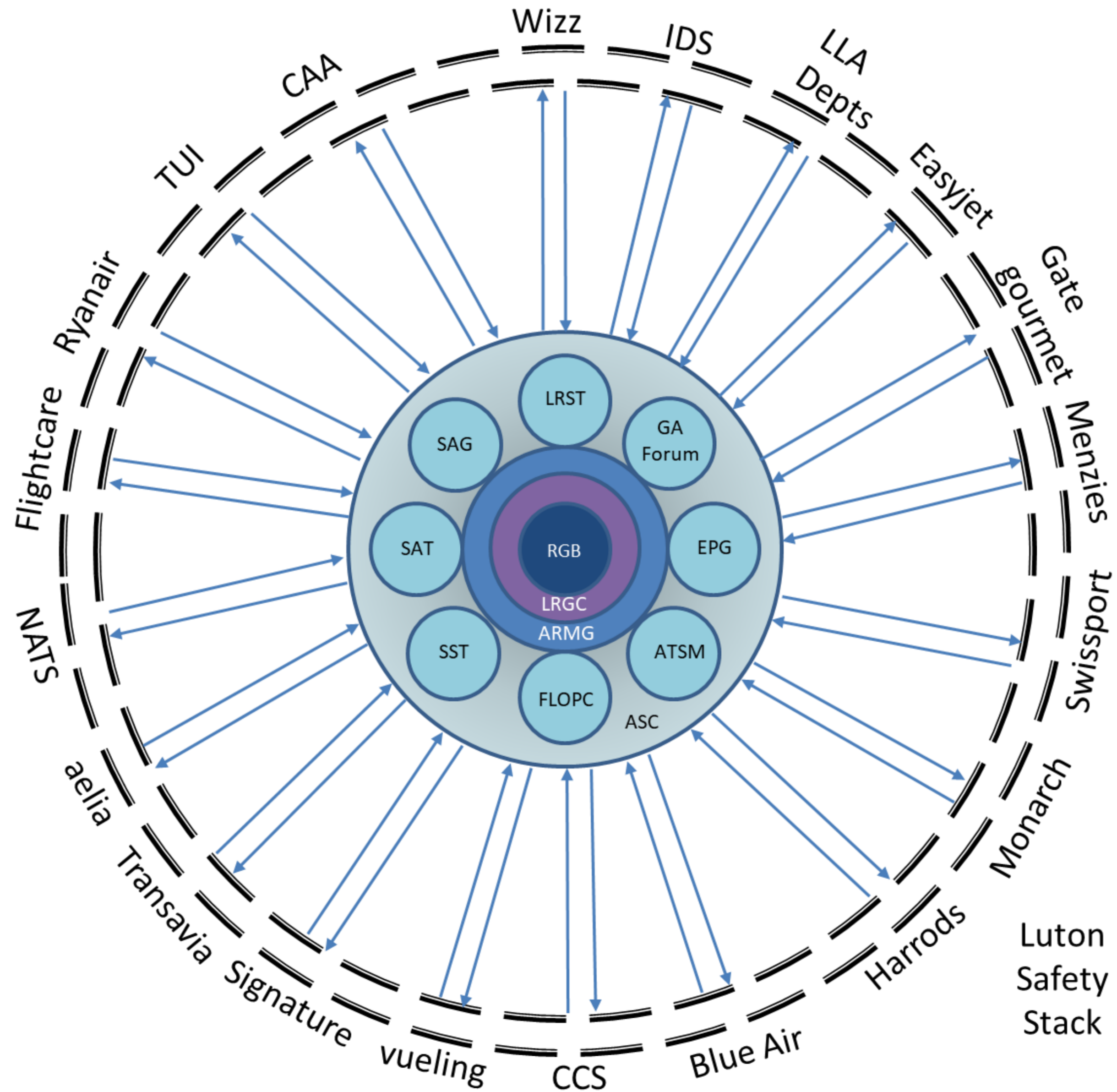


Key Points

1. We are not seeking to 'break down silos', every organisation has the right to run its business as it sees fit – we are seeking to create workable links across organisations and their individual component parts for the purpose of sharing and learning.
2. Organisations in a shared place, such as an airport, have the opportunity to meet to discuss problems and opportunities.
3. The Luton Safety Stack provides an example of a working collaborative initiative to help manage safety across interfaces, based on safety practice development and safety intelligence sharing initiatives between 15 organisations based at the airport.



Organising for safety intelligence sharing



LTN Safety Stack Initiatives

1. Harmonisation of Ground Handling process through the adoption of the IGOM – in progress
2. Standardised emails for safety communication - completed
3. Shared safety dashboard – in progress
4. Safety culture and contracts management – replaced with Don't Panic
5. LTN Safety Stack video – Complete and due to be launched
6. Recognition and appreciation – in progress with the AOC
7. A day in the life – replaced with Safety Every Day
8. Pooled training – replaced with Just Culture
9. Safety Leaders Programme – in progress



LTN Safety Stack Initiatives

LTN GOMs:

GROUND OPERATIONS MANUAL

LTN SAFETY STACK GOM3

Cone Placement

Aircraft parking on stand at LLA shall be coned for protection and indication that it is safe to approach in the area of each cone. When the aircraft is safe to approach, heavy based cones shall be placed one metre in front of each engine, one metre from the furthest edge of each wingtip and behind the aircraft in all weather conditions. On General Aviation aircraft, an additional cone may be placed at the nose of the aircraft.

An awareness that runs for all of us

WE ARE SAFETY

GROUND OPERATIONS MANUAL

LTN SAFETY STACK GOM6

Actions Prior to Arrival

Before the arrival of an aircraft on stand, a responsible person must:

- (a) Conduct FOD check on entire stand removing all debris just prior to arrival.
- (b) Make sure the stand surface condition is sufficiently free of ice, snow, etc., to ensure safe aircraft movement.
- (c) Make sure all required Ground Support Equipment (GSE) is available and serviceable, and is positioned well clear of the aircraft path, inside marked equipment bays.
- (d) Make sure the aircraft path and ramp area is free of persons, objects and obstacles which the aircraft may strike or endanger others due to jet blast effects.
- (e) Make sure marshalling staff is present.
- (f) Make sure additional ground personnel (such as wing walkers) are present (if required).

Aircraft must not be marshalled onto stand before these actions are completed.

In order to ensure that critical areas of the stand are clear of FOD and other contamination, the inspection path indicated on the drawing below should be followed.

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WE ARE SAFETY



LTN Safety Stack Initiatives

LTN GOM Checklists:

LUTON GROUND OPERATIONS MANUAL




LTN SAFETY STACK GOM3 – Aircraft Chocking Checklist

Name of Auditor:	Company:
Companies Audited:	Location:
Date:	Time:


Question	Yes	No
Has a cone been placed one metre in front of each engine?	<input type="checkbox"/>	<input type="checkbox"/>
Has a cone been placed one metre from the edge of each wing?	<input type="checkbox"/>	<input type="checkbox"/>
Has a cone been placed behind the aircraft's tail?	<input type="checkbox"/>	<input type="checkbox"/>
Is there a sufficient number of cones available?	<input type="checkbox"/>	<input type="checkbox"/>

Additional comments

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LUTON GROUND OPERATIONS MANUAL




LTN SAFETY STACK GOM6 – Actions Prior to Arrival Checklist

Name of auditor:	Company:
Companies audited:	Location:
Date:	Time:

Question	Yes	No
Has a FOD check of the entire stand been conducted?	<input type="checkbox"/>	<input type="checkbox"/>
Has the responsible person made sure the surface condition is safe for aircraft movement?	<input type="checkbox"/>	<input type="checkbox"/>
Has the responsible person ensured that all required Ground Support Equipment (GSE) is available and serviceable, and is positioned clear of the aircraft path?	<input type="checkbox"/>	<input type="checkbox"/>
Has the responsible person ensure that the ramp area is free of persons, objects and obstacles?	<input type="checkbox"/>	<input type="checkbox"/>
Is a marshaller present?	<input type="checkbox"/>	<input type="checkbox"/>

Additional comments

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LTN Safety Stack 6th February 2018 Meeting Agenda:

















LUTON SAFETY STACK MEETING 6TH FEBRUARY 2018

AGENDA

- 09:00 Welcome (Liam and Barry)
- 09:15 Storyboard for the Stack video (Jane Danser)
- 10:30 *Coffee*
- 10:45 Visualisation of Safety Dashboard (Carlo and Barry)
- 11:15 Presentation by Airport Labs (Ligiu Uioorean, Filip Chereches, Bogdan Stănescu, Ruben Sainiuc, Sabin Sanislav)
- 12:30 *Buffet Lunch*
- 13:15 Mission statement for the LTN Safety Stack and Safety Leader Values (Sian, Barry and Sarah)
- 13:30 Overview of Safety Survey Results and Safety Performance 2017 (Liam)
- 14:00 Update on Safety Stack actions from last meeting (All)
- Terms of Reference for "We are Safety" to be agreed.
 - NO to amend the footer of the Branding for the Stack to include "An awareness that runs through us all".
 - SF to contact Neil Bradford to discuss the possibility of The Stack having a page on the Airport's Newsletter 'Transform'.
- 14:15 Open Discussion on current Stack Initiatives and Progress (Sian, Dave, Gavin, Liam, All)
- Action Line 1: Harmonisation of Ground Handling process through the adoption of the IGOM
- Action Line 2: Standardised emails for safety communication
- Action Line 3: Shared safety dashboard
- Action Line 4: Safety culture and contracts management
- Action Line 5: LTN Safety Stack video
- Action Line 6: Recognition and appreciation
- Action Line 7: A day in the life
- Action Line 8: Pooled training
- Action Line 9: Safety Leaders Programme
- 15:00 *Close of Meeting*



Safety Performance 2017

Airside Safety Events 2016 Vs 2017			
Aircraft Accidents	 0%	MOR Airfield	 29%
Airside Collisions	 19%	MOR Airspace	 26%
Airside Incidents	 20%	Near Miss Reports	 33%
Bird Strikes	+12%	Slip/Trip/Fall	+9%
Full Emergency	 29%	Spillages	 16%
Ground Incidents	+14%	Red Incidents	 0%
Local Standby	+111%	Amber Incidents	 31%
Safety Assurance checks carried out	 35%	Safety Assurance check deficiencies	 4%
Points of Engagement	 350%	Self/Open Reporting	 422%

