Safety: Do we have the right focus?

Gretchen Haskins
CEO HeliOffshore

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TIME OUT

Effective Safety

1. Right Risks/Priorities
2. Right Actions
3. Right Results

How do we get this done? People!

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Effective Human Performance

- Inspired versus blamed
- Proactive rather than reactive
- Informed decisions
- Part of a team
- Feedback on progress

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Right Risks/Priorities?

Are Key Stakeholders Enrolled?

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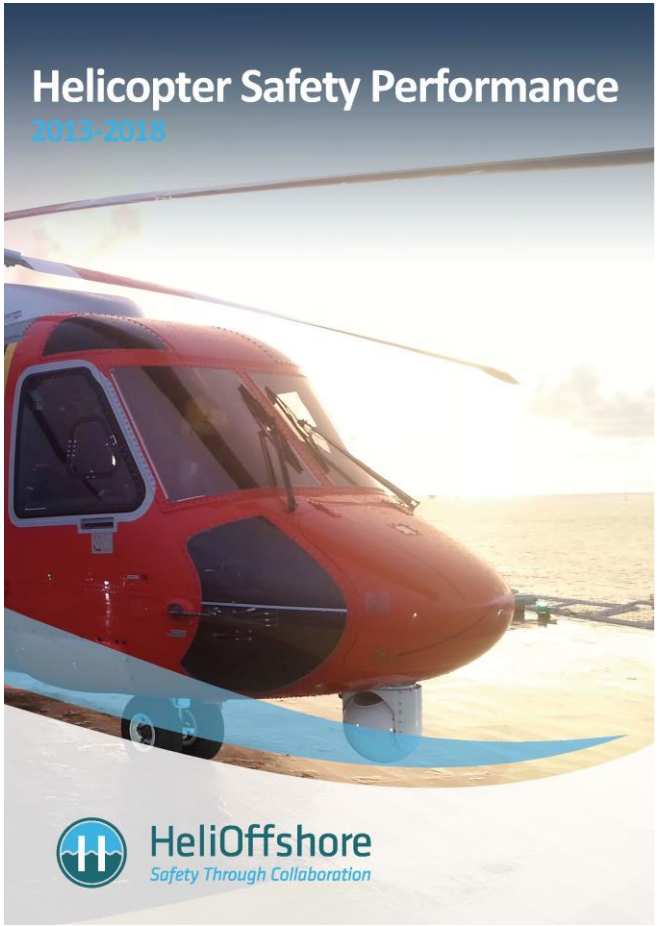
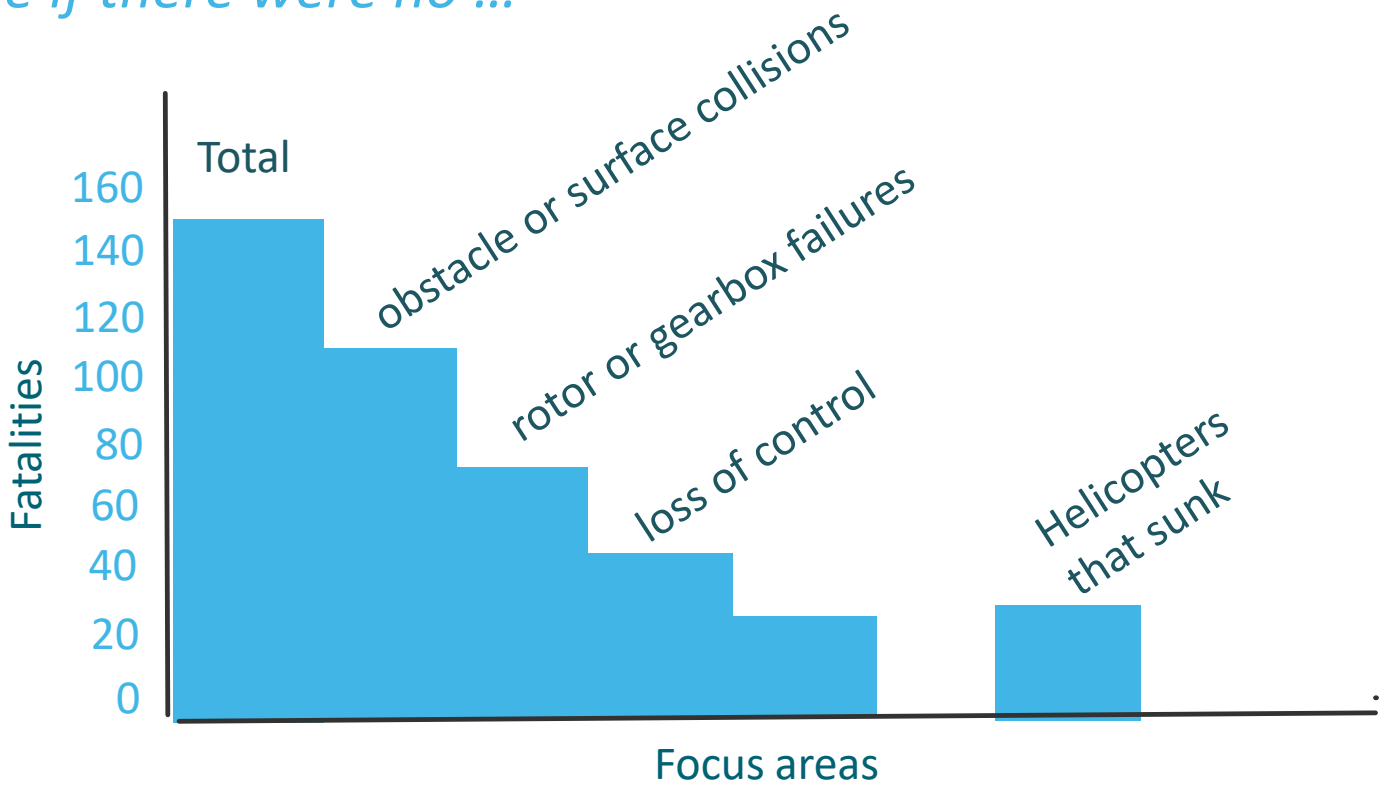
Industry report

- Draft released at conference
- Prompted useful feedback and more data
- Latest draft has been circulated
- Welcome more feedback
- Due to be released at the end of September



Staircase to zero fatalities (2013-2018)

Imagine if there were no …



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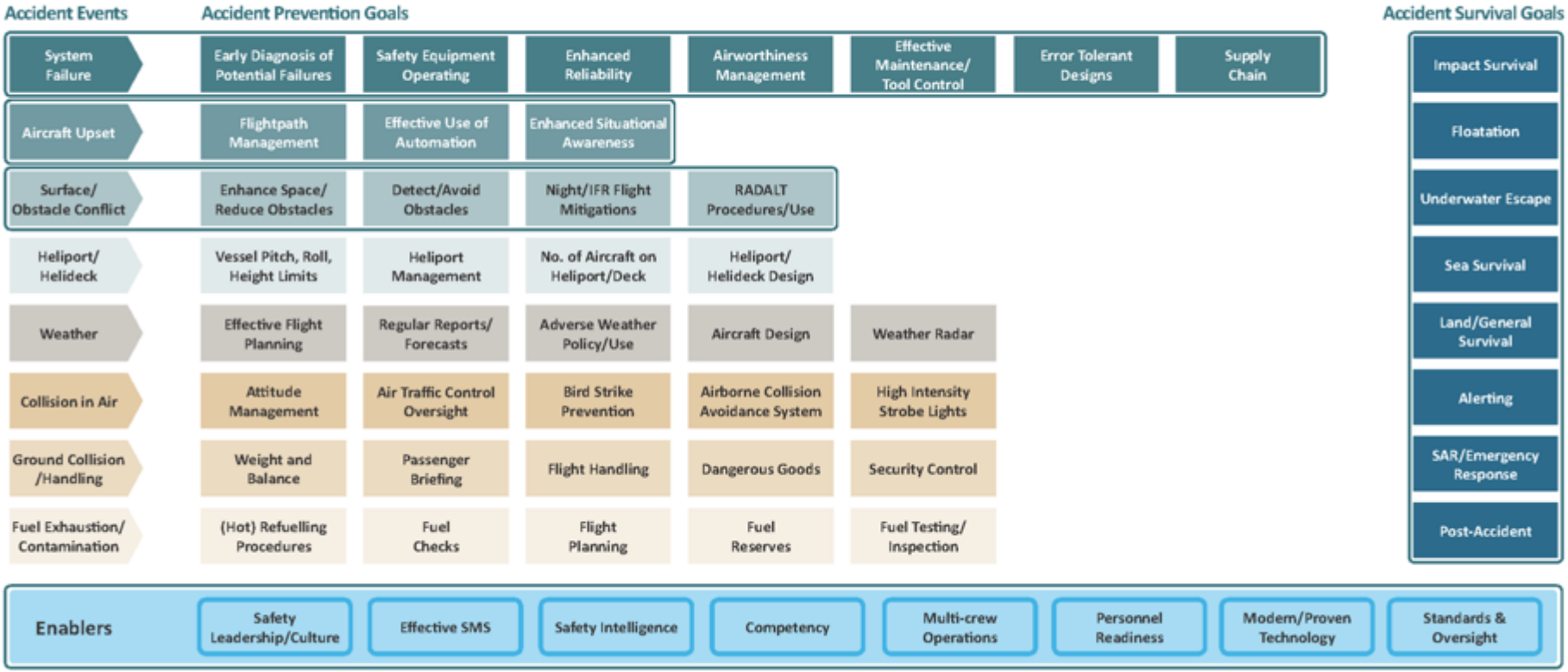
HeliOffshore Safety Performance Model



Right Actions?

Does it all add up?

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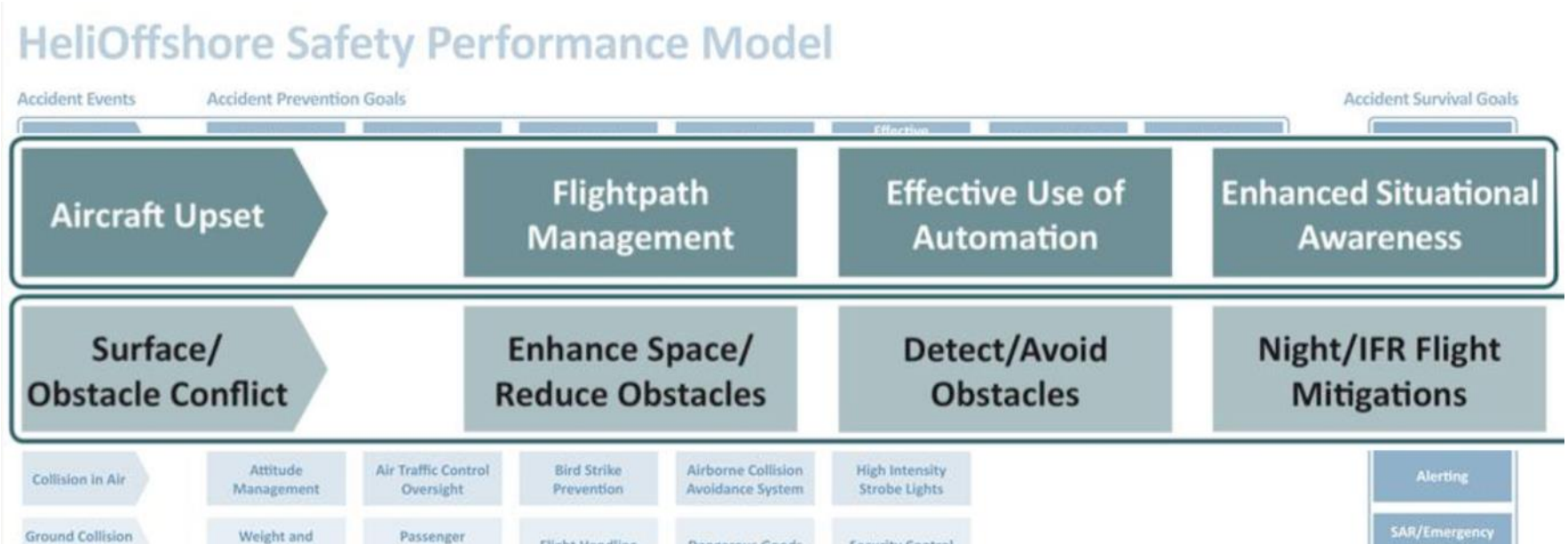
Operational Effectiveness

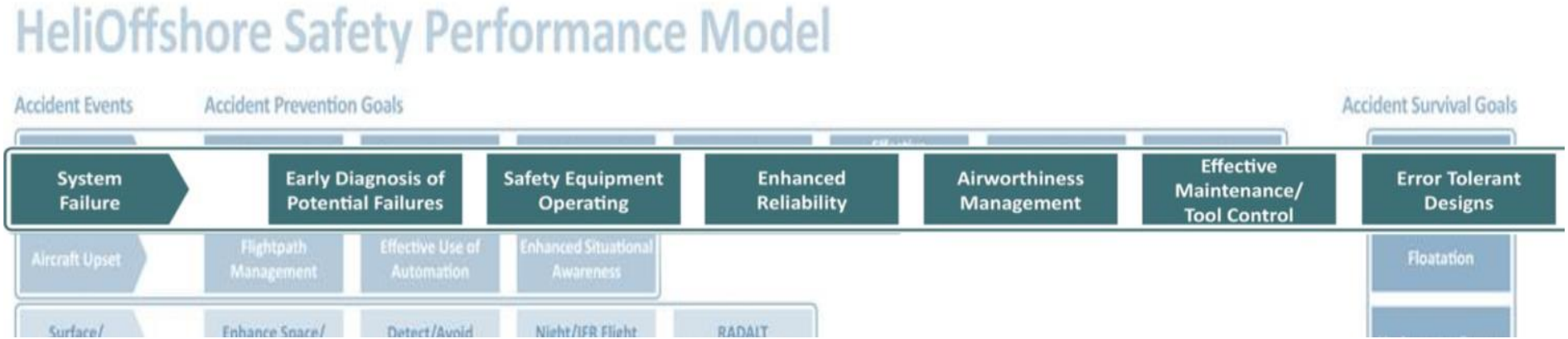


Operational Effectiveness: Key Projects

- Design
  - Helicopter Terrain Awareness Warning System (HTAWS)
- Procedures
  - Flight Crew Operating Manuals
  - Approach Path Management
- Training
  - Eye Tracking
  - Automation Training Videos
  - Evidence Based Training

Validation through FDM/LOSA

System Reliability & Resilience



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System Reliability & Resilience Key Projects

- HUMS Best Practice
- Data Sharing/Tech Steering Group
  - Return to Base
- Method for assessing human performance as part of design
- Single point failure assessment method shared

Right Results?

Informing Timely Decisions/Action?

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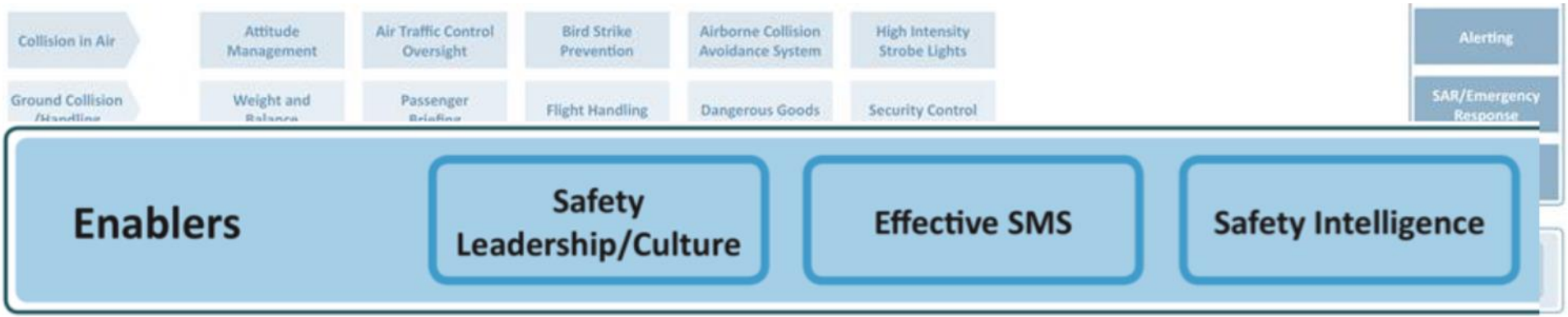
Safety Intelligence



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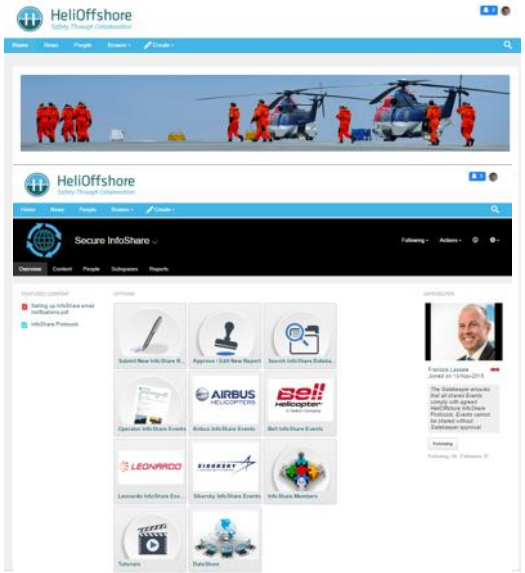
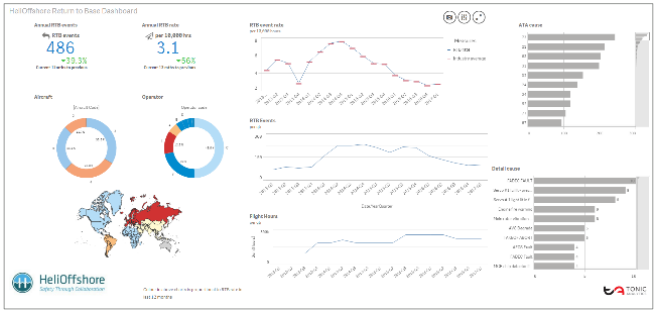
HeliOffshore Safety Intelligence Programme

Industry collaboration | 100+ organisations | Secure Cloud | Integrated Analytics

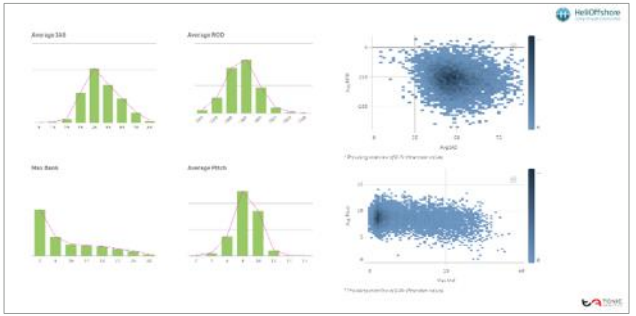
Phase 1 Infoshare *



Phase 2: Analysis of Trends and Targeted Studies



Phase 3: Analysis of raw data to identify trends



Secure sharing and analysis of safety events, flight hours and event data

*** Expanded to Helideck Events**

Example data report – not real values

Operator C - Return to Base (Technical)

Annual RTB events
Operator C

224

▼47.5%
Change against previous 12m

Annual RTB rate
Operator C

2.5
per 10,000 hrs

▼56%
Change against previous 12m

Annual RTB events
Industry

486

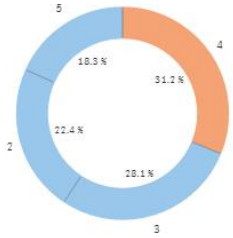
▼39.3%
Change against previous 12m

Annual RTB rate
Industry

2.5
per 10,000 hrs

▼57%
Change against previous 12m

Aircraft type



Region

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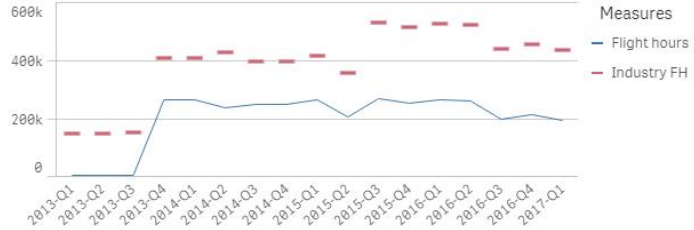
Colour in above charts is proportional to RTB rate in last 12 months

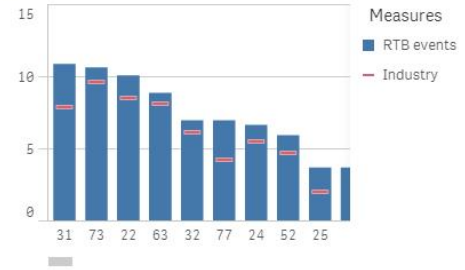
RTB event rate
per 10,000 hours

RTB events
per qtr

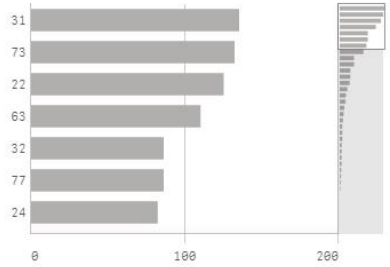
Flight hours
per qtr



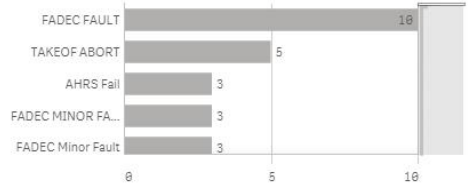
ATA cause percentage



ATA cause



Detail cause



TONIC ANALYTICS

Supporting Effective Human Performance

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Delivering on our shared commitment

Foster a coalition of safety leaders at all levels who:

- Agree common **goals**
- Align **priorities**
- **Communicate** the why and check enrollment
- Ensure appropriate **resources**
- **Project manage** the improvements
- **Collaborate** and make sure it all adds up
- **Share data** to check priorities and ensure frontline results