



A VIH Aviation Group Company

Long Range Offshore Helicopter Operations in Eastern Canada

J.J. Gerber - Operations Services Manager



September 2022

Where We Are

Where We have worked

You are here

Who we are

2011 - Bristow Helicopters Invests in Cougar
2005 - Introduced S-92 to Fleet
2012 - Open Dedicated SAR Facility
2016 - New Base Facilities CYYT

- 160 Employees
- Oil and Gas Passenger Transport
- 24/7 SAR Capability
 - 20 min wheels up response
- Pax Movements in
 - 2016 - 42,000
 - 2021 - 17,800



Maintenance
Hangar

Admin &
Offices

Passenger
Movements

SAR



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SK92 A

$L = (1/2) \rho \cdot v^2 \cdot s \cdot CL$

L = JET A



In-flight shutdown rate for S92 model engine / aircraft type < 1.00 per 100,000 flight hours.

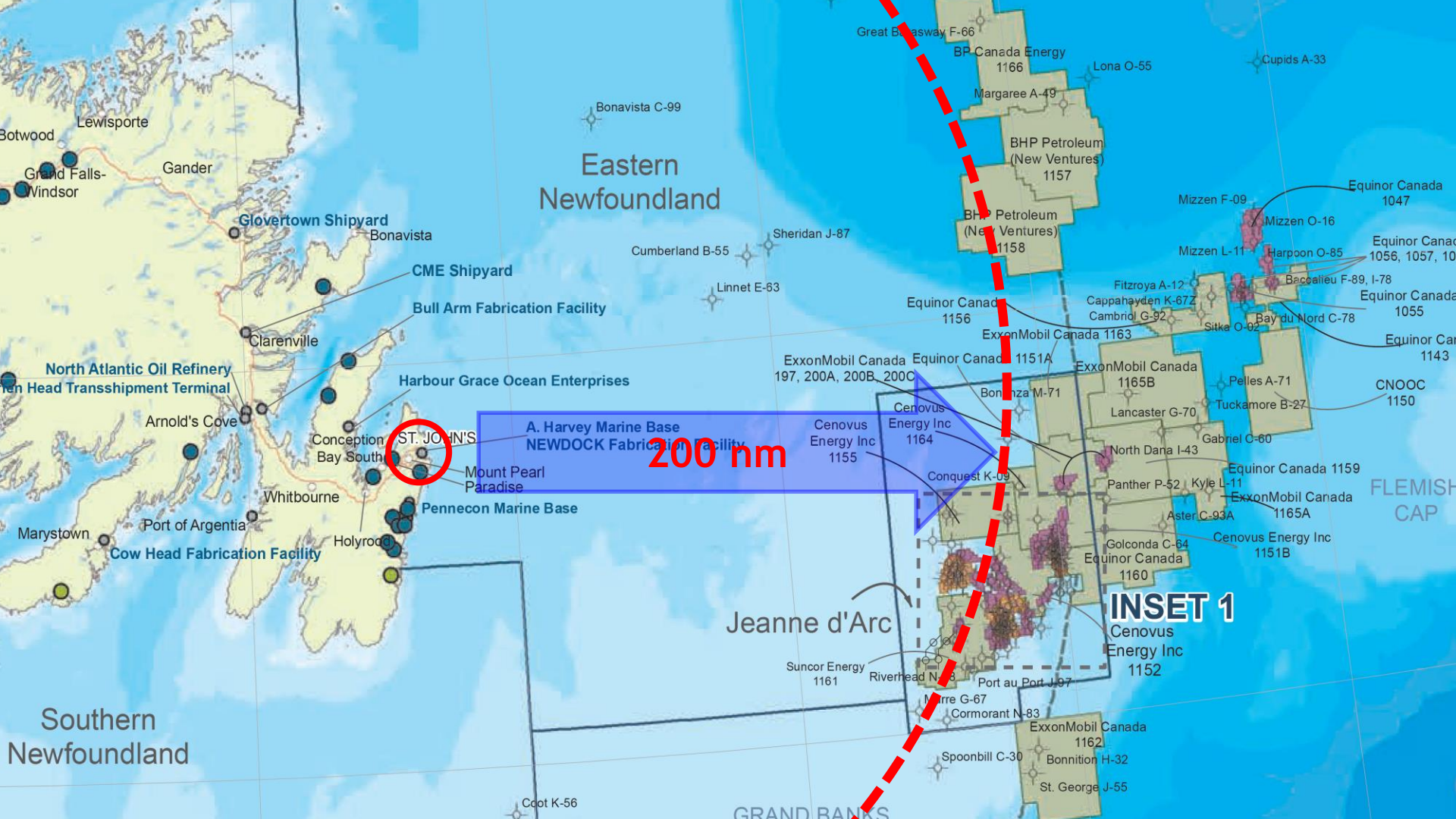
- EASA CAT POL H 305 operations without an assured safe forced landing capability.

HUMS Monitoring

September 2022

Aircraft





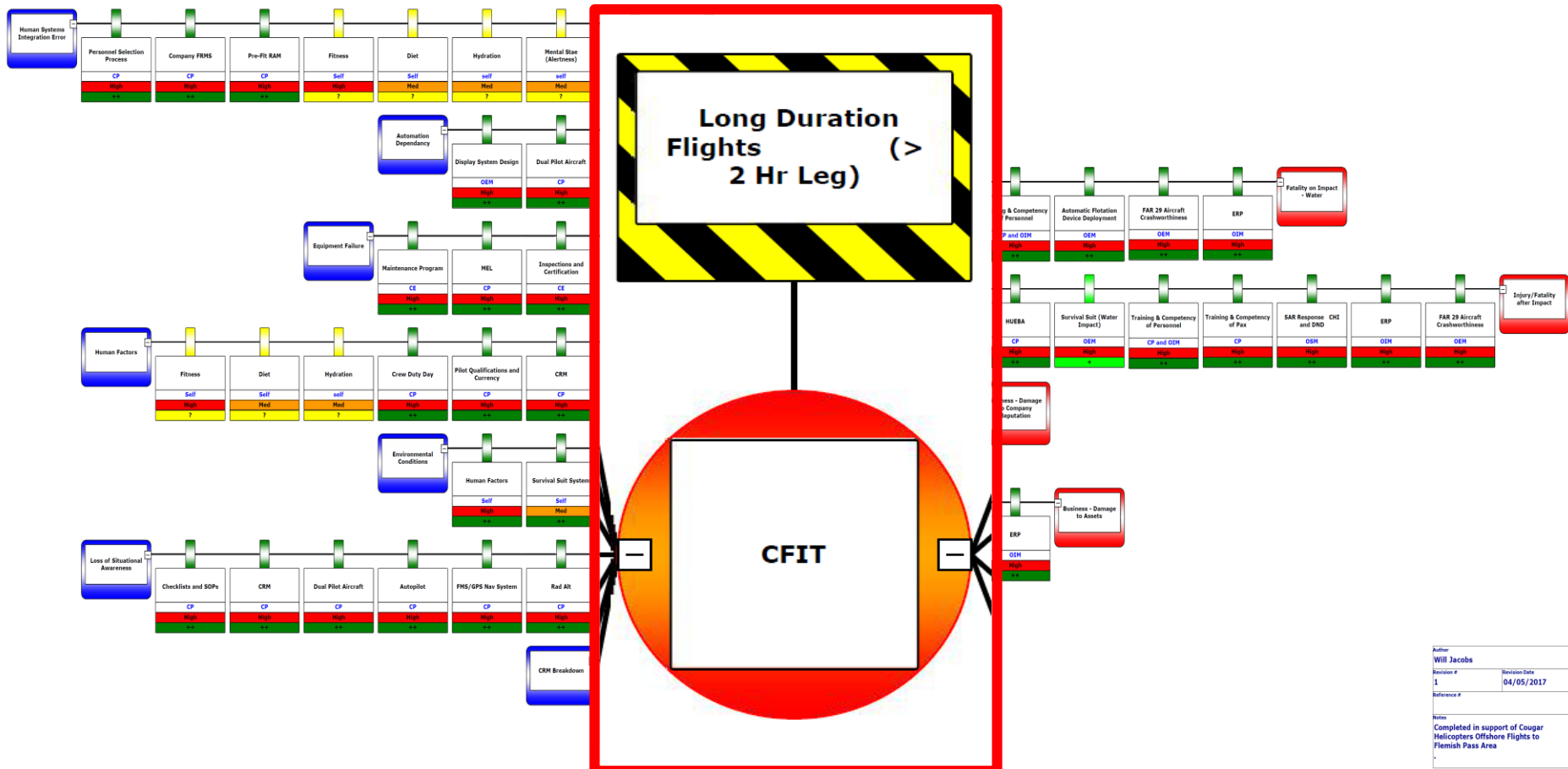


GRAIG HOWELL

PART NO. 92170-1032-045
SERIAL NO. 0111-0080
MFG DATE 07-11-12
SIKORSKY AIRCRAFT

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Human Factors





SAR Aircraft Capability

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- On scene time:
 - Descend and establish hover – 10 min
 - Deployment – 4 min
 - Recovery – 4 min
 - 4 min per person
 - Automation & Crew Hover

FUEL & SPEED

7000 lbs of fuel

- 6 pax = 30 min / x nm
- 8 pax = 38 min / x nm
- 10 pax = 46 min / x nm

(Solve X)



Questions / Discussion



Spring 2017, Ferryland NL