2025 HELICOPTER SAFETY ADVISORY CONFERENCE (HSAC) OFFSHORE HELICOPTER OPERATIONS AND SAFETY REVIEW

April 28, 2026

HSAC Members:

Please find attached the Helicopter Safety Advisory Conference (HSAC) "2025 Offshore Helicopter Operations and Safety Review". The membership support and response from five (5) helicopter operators for this review is not only appreciated but is vital in establishing a meaningful report.

The level of flying activity for 2025 had mixed results. All categories of flight activity saw a decrease in flight hours flown except for Heavy Twin. Landing / takeoffs saw a 14% decrease and a 5% decrease in passengers carried as compared to 2024.

As a continuation from 2024, single engine flight activity saw a decrease in flight hours flown, take-off / landings, and fleet size. Flight hours flown by single-engine aircraft were at the lowest level since 1995 when HSAC first started reporting on these statistics.

Encouragingly, there were zero (0) accidents during the year. This caused the overall five (5) year average accident rate to remain at 0.99 per 100k hours as well as the fatal accident rate remain at 0.41 per 100,000 flight hours due to 2020 also being a year with no accidents. This is a trend in the right direction but remains a reminder of the importance of diligence in all aspects of aviation operations. 2022 remains the most challenging year in the last five (5) years, when we experienced five (5) accidents. Provided we are able to sustain our safety performance over the next two (2) years, the average five (5) year rates will continue to fall.

The leading causes, not all inclusive, of the accidents since 1999 are listed below, and secondary causes of these events include 15 related to helideck size or design related issues.

- 21 engine related,
- 28 loss of control or improper procedures,
- 21 helideck obstacle strikes,
- 13 controlled flight into terrain, and
- 14 other technical failures

HSAC has published several Recommended Practices to address these issues and they can be reviewed at www.HSAC.org. We are optimistic that by widely and openly sharing this information with all operators and other oil industry groups that additional safety initiatives may be developed and implemented to further reduce accidents and incidents with the ultimate goal of zero events.

Again, thank you for your prompt responses and continued support. It is your hard work and leadership that drive safety improvements in this industry.

Respectfully,
Eric Shores

HELICOPTER SAFETY ADVISORY CONFERENCE (HSAC)
2025 OFFSHORE HELICOPTER OPERATIONS AND SAFETY REVIEW

HSAC OFFSHORE HELICOPTER OPERATIONAL DATA SUMMARY

YEAR	NUMBERS by TYPE HELICOPTER					PASSENGERS CARRIED	HOURS FLOWN	NUMBER OF FLIGHTS
	SINGLE ENGINE	LIGHT TWIN	MEDIUM TWIN	HEAVY TWIN	TOTAL FLEET			
2021	95	15	55	32	197	962,887	127,234	289,375
2022	103	13	66	30	212	1,140,458	147,794	302,723
2023	98	11	60	28	197	781,393	124,348	353,363
2024	95	14	54	27	190	838,434	112,986	220,847
2025	**78**	**12**	**57**	**29**	**176**	**793,901**	**105,185**	**200,198**

HSAC OFFSHORE HELICOPTER OPERATIONAL DATA DETAILS

YEAR	HOURS by TYPE HELICOPTER					OPERATIONS (Takeoff/Landings) by TYPE HELICOPTER				
	SINGLE ENGINE	LIGHT TWIN	MEDIUM TWIN	HEAVY TWIN	TOTAL FLEET	SINGLE ENGINE	LIGHT TWIN	MEDIUM TWIN	HEAVY TWIN)	TOTAL FLEET
2021	70,578	4,412	30,744	21,500	127,234	203,444	6,234	45,724	33,973	289,375
2022	86,883	3,226	34,866	22,819	147,794	204,722	5,549	54,067	38,385	302,723
2023	59,221	3,749	38,017	23,361	124,348	228,072	9,063	71,834	44,394	353,363
2024	52,845	3,718	35,316	21,107	112,986	148,627	6,021	43,992	22,207	220,847
2025	**47,305**	**3,559**	**30,829**	**23,492**	**105,185**	**131,797**	**7,813**	**28,182**	**21,833**	**189,625**

HSAC HELICOPTER FLEET OPERATIONAL DATA

Averages Per Helicopter	2023	2024	**2025**
Passengers per Day per 5 Day Week	3,005	3225	**3053**
Flights Per Day	968	605	**548**
Average Flight Duration in Min.	21	31	**32**

Averages Per Helicopter	2023	2024	**2025**
Annual Hours Per Aircraft	631	595	**598**
Flights Per Aircraft	1794	1162	**1137**
Passengers Flown Per Aircraft	3966	4413	**4511**

As a service to the Helicopter Safety Advisory Conference (HSAC) membership, this Statistical Report is compiled annually from information submitted voluntarily by the membership and helicopter operators. The information is neither verified nor reviewed for accuracy and should be treated as unofficial. The data is believed to be representative; however, the HSAC assumes no liability for accuracy or completeness.

Dedicated to Safety Through Cooperation Since 1978

2025 HSAC OFFSHORE HELICOPTER OPERATIONS AND SAFETY REVIEW

HSAC OFFSHORE HELICOPTER ACCIDENT DATA

NUMBER OF ACCIDENTS				INJURY CLASSIFICATION				AIRCRAFT DAMAGES			AVIATION ACCIDENT			
Aircraft Category				Occupant Type		Severity		Classification			Rates			
Type Aircraft	# Accidents	# Fatal	# Eng Related	Pax	Crew	Injured	Fatal	Minor	Substantial	Total Loss	# Acc 100k Hours	# Fatal Acc 100k Hours	# Fatal 1M Occupants	# Acc 100k Flt Stages
Single Eng.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Light Twin	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Med. Twin	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heavy Twin	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025 Totals	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.00**	**0.00**	**0.00**	**0.00**

HSAC OFFSHORE HELICOPTER ACCIDENT CAUSES/INFO

Cause	Technical		Pilot Procedure Related							OTHER				MISC	
Type	Power Loss, multi-cause	Other	Tie-down Proc.	Loss Control or Improper Proced.	Loose Cargo	Flight Into Terrain, Water (CFITW)	Fuel Mgmt	Obstacle Strike		Fuel Qual	Weather non-CFIT	UNK	Pax Control or HLO Proced.	Helideck Design or Size Issues	Fatalities Due to Engine Malf.
								Helideck	Other						
Single Eng.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Light Twin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Med. Twin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hvy Twin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1999-2025 Totals	**21**	**14**	**4**	**28**	**6**	**13**	**6**	**21**	**2**	**4**	**3**	**7**	**4**	**11**	**6**

FIVE YEAR HSAC OFFSHORE HELICOPTER ACCIDENT DATA

Year	Number Of Aircraft Accidents		Injury Classification				Aircraft Damages			Aviation Accident			
	Outcome		Occupant Type		Severity		Classification			Rates			
	# Accidents	# Fatal	Pax	Crew	Injured	Fatal	Minor	Substantial	Total Loss	# Acc 100k Hrs	# Fatal Acc 100k Hrs	# Fatal 1 M Occupants	# Acc 100k Flt Stages
2021	1	0	0	0	0	0	0	1	0	0.79	0	0	0.35
2022	5	3	12	7	5	7	0	1	4	3.38	2.03	4.56	1.65
2023	1	0	0	2	0	0	0	0	0	0.80	0	0	0.28
2024	0	0	0	0	0	0	0	0	0	0.00	0	0	0.00
2025	0	0	0	0	0	0	0	0	0	0.00	0	0	0.00
5 Yr Avg	**1.40**	**0.60**	**2.40**	**1.80**	**1.00**	**1.40**	**0.00**	**0.40**	**0.80**	**0.99**	**0.41**	**0.91**	**0.46**