

## JACDEC SAFETY ANALYSIS AIRLINE RISK RANKING 2019

#	Airline Name	ICAO Code <sup>1</sup>	Home Country	Begin of Ops	Hull Losses <sup>2</sup> since 1988			No of Serious Incidents <sup>2</sup>	Risk Index 2018
					Non-fatal <sup>3</sup>	Fatal <sup>3</sup>	Total No of Hull Losses <sup>2</sup>		
1	Finnair	FIN	Finland	1923	0	0	0	6	93,91%
2	Scot Tigerair	TGW	Singapore	2003	0	0	0	3	93,60%
3	Norwegian Air Shuttle	NAX	Norway	1993	0	0	0	9	93,48%
4	Emirates	UAE	United Arab Emirates	1985	1	0	1	28	93,39%
5	Air Europa	AEA	Spain	1986	0	0	0	11	93,03%
6	Transavia	TRA	Netherlands	1966	0	0	0	10	92,78%
7	Ethiad Airways	ETD	United Arab Emirates	2003	0	0	0	13	92,70%
8	Virgin Atlantic Airways	VIR	United Kingdom	1984	0	0	0	17	92,48%
9	KLM - Royal Dutch Airlines	KLM	Netherlands	1920	1	0	1	24	92,33%
10	Jetstar Airways	JST	Australia	2004	0	0	0	10	92,31%
11	Cathay Pacific Airways	CPA	Hong Kong - China	1946	0	0	0	10	92,23%
12	EVA Air	EVA	Taiwan	1991	0	0	0	6	92,13%
13	Vueling Airlines	VLG	Spain	2004	0	0	0	12	92,03%
14	EasyJet	EZY	United Kingdom	1996	0	0	0	45	91,85%
15	jetBlue Airways	JBU	United States of America	2000	0	0	0	11	91,71%
16	Singapore Airlines	SIA	Singapore	1972	0	1	1	26	91,37%
17	Oman Air	OMA	Oman	1981	0	0	0	2	91,31%
18	WestJet Airlines	WJA	Canada	1996	0	0	0	16	91,30%
19	Virgin Australia	VOZ	Australia	2000	0	0	0	14	91,23%
20	Air Transat	TSC	Canada	1987	0	0	0	5	91,11%
21	Lufthansa	DLH	Germany	1955	0	1	1	45	90,97%
22	Capital Airlines	CBJ	China	1995	0	0	0	1	90,97%
23	Air Canada	ACA	Canada	1937	2	0	2	38	90,84%
24	QANTAS	QFA	Australia	1922	0	0	0	29	90,63%
25	Eurowings	EWG	Germany	1993	0	0	0	9	90,59%
26	Spirit Airlines	NKS	United States of America	1980	0	0	0	6	90,41%
27	Air New Zealand	ANZ	New Zealand	1940	0	0	0	13	90,33%
28	Aer Lingus	EIN	Ireland	1936	0	0	0	16	90,26%
29	LATAM Chile	LAN	Chile	1929	0	1	1	12	90,23%
30	AirAsia X	XAX	Malaysia	2007	0	0	0	5	90,22%
31	Delta Air Lines	DAL	United States of America	1929	2	0	2	92	89,77%
32	Aerolineas Argentinas	ARG	Argentina	1950	2	0	2	15	89,62%
33	Southwest Airlines	SWA	United States of America	1971	3	0	3	33	89,58%
34	Frontier Airlines	FFT	United States of America	1994	0	0	0	4	89,56%
35	WizzAir	WZZ	Hungary	2004	0	0	0	9	89,51%
36	Thomas Cook Airlines	TCX	United Kingdom	2000	0	0	0	12	89,48%
37	Jet2.com	EXS	United Kingdom	2002	0	0	0	12	89,31%
38	All Nippon Airways	ANA	Japan	1954	0	0	0	25	89,12%
39	Shandong Airlines	CDG	China	1991	0	0	0	1	89,09%
40	Qatar Airways	QTR	Qatar	1994	0	0	0	11	89,08%
41	Condor Flugdienst	CFG	Germany	1956	0	0	0	10	89,04%
42	Juneyao Airlines	DKH	China	2005	0	0	0	2	89,04%
43	Shanghai Airlines	CSH	China	1985	0	0	0	3	88,91%
44	United Airlines	UAL	United States of America	1931	0	4	4	58	88,88%
45	Hawaiian Airlines	HAL	United States of America	1929	0	0	0	9	88,86%
46	Hainan Airlines	CHH	China	1993	0	0	0	7	88,86%
47	Rossiya Airlines	SDM	Russia	2006	0	0	0	5	88,81%
48	Ryanair	RZR	Ireland	1985	1	0	1	61	88,69%
49	TUI Airways (UK)	TOM	United Kingdom	1962	1	0	1	14	88,67%
50	British Airways	BAW	United Kingdom	1974	2	0	2	52	88,56%
51	Austrian Airlines	AUA	Austria	1957	0	0	0	11	88,38%
52	Avianca Colombia	AVA	Colombia	1919	0	2	2	14	88,30%
53	TAP Air Portugal	TAP	Portugal	1946	0	0	0	13	88,16%
54	Shenzhen Airlines	CSZ	China	1993	0	0	0	6	88,12%
55	Sichuan Airlines	CSC	China	1988	0	0	0	10	87,99%
56	Alitalia	AZA	Italy	1947	3	1	4	24	87,89%
57	Spring Airlines	CQH	China	2004	0	0	0	2	87,83%
58	Volaris	VOI	Mexico	2005	0	0	0	3	87,73%
59	Japan Airlines	JAL	Japan	1951	0	0	0	41	87,71%
60	Swiss Airlines	SWR	Switzerland	2002	1	0	1	31	87,60%
61	EL AL - Israel Airlines	ELY	Israel	1949	1	0	1	12	87,55%
62	IndiGo	IGO	India	2006	0	0	0	15	86,26%
63	Korean Air	KAL	South Korea	1962	5	2	7	22	85,95%
64	Thai AirAsia	AIQ	Thailand	2003	0	0	0	4	85,89%
65	Copa Airlines	CMP	Panama	1947	1	1	2	3	85,35%
66	Azul Brazilian Airlines	AZU	Brazil	2008	0	0	0	6	85,14%
67	Skywest Airlines	SKW	United States of America	1972	1	1	2	24	85,11%
68	Pegasus Airlines	PGT	Turkey	1990	1	0	1	8	84,75%
69	AirAsia	AXM	Malaysia	1996	0	0	0	8	84,72%
70	Air France	AFR	France	1933	2	3	5	64	84,38%
71	Air China	CCA	China	1988	1	1	2	19	84,36%
72	China Eastern Airlines	CES	China	1988	0	2	2	24	84,18%
73	Alaska Airlines	ASA	United States of America	1932	0	1	1	22	83,89%
74	Iberia	IBE	Spain	1927	3	0	3	21	83,73%
75	Xiamen Airlines	CXA	China	1985	3	1	2	5	83,55%
76	Aeroflot - Russian Airlines	AFL	Russia	1992	5	1	6	20	83,51%
77	Aeromexico	AMX	Mexico	1934	4	0	4	8	83,34%
78	China Southern Airlines	CSN	China	1990	1	3	4	10	83,18%
79	FlyDubai	FDB	Vereinigte Arabische Emirate	2009	0	1	1	2	83,16%
80	American Airlines	AAL	United States of America	1934	5	5	10	78	82,58%
81	Ural Airlines	SVR	Russia	1993	0	0	0	11	81,57%
82	Philippine Airlines	PAL	Philippines	1941	3	1	4	13	80,55%
83	Saudia - Saudi Arabian Airlines	SVA	Saudi Arabia	1947	4	1	5	20	80,14%
84	Vietjet Air	VJC	Vietnam	2011	0	0	0	4	79,29%
85	LATAM Brasil	TAM	Brazil	1976	2	3	5	25	77,90%
86	Vietnam Airlines	HVN	Vietnam	1956	1	2	3	22	77,32%
87	Scandinavian Airlines - SAS	SAS	Scandinavia (Multinational)	1946	3	1	4	34	77,07%
88	Asiana Airlines	AAR	South Korea	1988	1	2	3	16	76,92%
89	Thai Airways International	THA	Thailand	1960	1	2	3	25	75,92%
90	GOL - Transportes Aereos	GLO	Brazil	2001	0	1	1	11	75,21%

91	Air India	AIC	India	1932	3	0	3	28	72,45%
92	THY Turkish Airlines	THY	Turkey	1956	4	3	7	35	72,40%
93	Jet Airways	JAI	India	1993	2	0	2	20	71,49%
94	Malaysia Airlines	MAS	Malaysia	1972	1	3	4	17	71,34%
95	Cebu Pacific Air	CEB	Philippines	1996	1	1	2	10	69,78%
96	China Airlines	CAL	Taiwan	1959	2	5	7	14	69,65%
97	Ethiopian Airlines	ETH	Ethiopia	1962	1	2	3	15	68,90%
98	S7 Airlines	SBI	Russia	1992	0	3	3	8	67,39%
99	Lion Air	LNI	Indonesia	2000	6	2	8	14	54,20%
100	Garuda Indonesia	GIA	Indonesia	1949	2	4	6	34	53,11%

<sup>1</sup> ICAO International Civil Aviation Organization

<sup>2</sup> Only revenue passenger flights, no cargo, training or ferry flights.

<sup>3</sup> On-board fatalities only. No 3rd party casualties on the ground or in other aircraft.