

#### AIRLINE SAFETY TABLES

# **ACCIDENTS AND INCIDENTS JAN-DEC 08**

#### **NOTES ON TABLES**

Accident data comes from Flight International's own research, sister online publication Air Transport Intelligence and from Flight database service ACAS's daily occurrence information. All fatal accidents are listed, as they have been in former years, grouped by the type of airline operation (scheduled, non-scheduled, commuter, non-passenger). Now, however, non-fatal accidents or incidents are included only if they are serious or unusual, and they are listed chronologically without being separated into types of operation.

Date	Carrier	Aircraft type/registration	Location	Fatalities crew/pax	Total occupants crew/pax	Phase
FATAL AC	CIDENTS: SCHEDL	JLED PASSENGER FLIGHTS				
15 April	Hewa Bora	McDonnell Douglas DC-9-50 (9Q-Cl	HN) Goma, DR Congo	-/3	8/86	T/0
The aircraft failed powerplants.	d to take off and overran the run	way into a residential area, killing about 40 people on the g	ground. Unofficial reports have suggested that the air	craft suffered a loss	of power from one or bo	th of its
30 May	TACA	Airbus A320-200 (EI-TAF)	Tegucigalpa airport, Honduras	1/2	6/118	L
there was an 12 road and hit an e	kt tailwind on the approach. The embankment, suffering serious o	Runway 20 citing low cloud, and requested an approach to t reason for this unusual crew choice is not yet clear. The an damage. The unobstructed overrun beyond the threshold of was "consistent with runway conditions and crew actions".	vailable landing run was 1,650m. The aircraft overran f Runway 20 is only 15m. The initial report says there	the runway end, cros	ssed the airport bounda	ry and a
10 June	Sudan Airways	Airbus A310-300 (ST-ATN)	Khartoum airport, Sudan	1/29	11/203	L
	ch had set off from Damascus, S n and caught fire. A total of abou	Syria bound for Khartoum, had to divert to Port Sudan becaut 30 people on board died.	use of stormy weather. The accident happened when	the aircraft, inbound	to Khartoum from Port	Sudan,
20 August	Spanair	Boeing MD-82 (EC-HFP)	Madrid Barajas airport, Spain	6/154	6/166	TO
Following that, the without realising circuit breaker all airborne and real	ne crew accepted the aircraft for they had failed to select flaps/s so affected the configuration wa ched a maximum height of 40ft,	ned to the ramp with a reported overheating ram air tempe departure. The crew taxied to Runway 3BL and the aircraft, lasts for take-off, but they did not get any configuration warr aming system. According to the CVR and FDR, the crew call, but the crew faced a series of wingdrops, first left, then rig te to rest it had travelled more than 1km over uneven grour	, bound for Las Palmas airport in the Canary Islands, ing. The investigation is examining whether the elect ed for rotate at 154kt, and 6s later the sound of the th, and the aircraft descended, hitting the ground to i	was cleared for take- rical distribution syst stall warning sticksha	off. The crew began the ems affected by tripping lker sounded. The aircra	take-off run g the RAT aft became

Boeing 737-200 (EX-009) Bishkek airport, Kyrgystan The aircraft, on an Iran Aseman flight, took off at 20:30 local time from Bishkek's Runway 08 bound for Tehran, Iran. The departure involved making a left-hand turn on to heading 240°. Climbing through 10,000ft the receive reported pressurisation failure and asked for a visual return to Runway 08 to land because the visibility was good although it was dark. The crew reported the runway in sight with about 22km to go, but as the aircraft contined its approach the crew recognised that they needed more time to configure the aircraft for landing and requested a left-hand orbit on approach to complete the checks. The orbit was flown at 30° bank, with airspeed reducing to 155kt and 15° flap set when it hit terrain 7.5km from the runway threshold. It had been descending during the turn. There was some thunderstorm activity in the area, but this is not believed to have been causal in this accident

Boeing 737-500 (VP-BKO) 14 September Aeroflot-Nord Nr Perm airport, Russia 6/82 The aircraft, inbound to Perm from Moscow, was last reported at 3.600ft altitude positioning for its approach to Perm airport in "difficult" weather. It crashed just outside the city. No cause has yet been determined.

FATAL ACCIDENTS: NON-SCHEDULED PASSENGER FLIGHTS								
2 May	Southern Sudan Air	Beechcraft 1900C (5Y-FLX)	Nr Rumbek airport, Sudan	2/19	2/19	AA		
The aircraft was chartered to carry local politicians from Wau to Juba via Rumbek. Near Rumbek the aircraft suffered total power loss on both engines and crashed.								
24 August	Aereo Ruta Mya	Cessna Caravan (TG-JCS)	Central Guatemala	2/9	2/12	ER		

The pilots reported engine failure en route and the aircraft crashed.

**Itek Air** 

#### **GLOSSARY OF TERMS AND ABBREVIATIONS**

AA airfield approach/early descent **AAIB** UK Air Accidents

Investigation Branch

AAL above airfield level

ADC air-data computer

ADF automatic direction finder

AGL above ground level AMSL above mean sea level

**AOA** angle of attack

**ASB** alert service bulletin

**ASI** airspeed indicator ATC air traffic control

C climb

C-B circuit breaker

**CFIT** controlled flight into terrain

**CNK** cause not known

CVR cockpit voice recorder

**DFDR** digital flight data recorder

**DME** distance measuring equipment

**ECAM** electronic centralised aircraft

**EFIS** electronic flight instrument system

**EGPWS** enhanced ground proximity

warning system

EGT exhaust gas temperature

**EICAS** engine indicating and crew alerting

**ER** en route

**ETOPS** extended twin-engine operations

FAA US Federal Aviation Administration FDR flight data recorder

FL flight level = altitude, in hundreds of feet, with international standard pressuresetting (ISA) of 1013.2mb set on altimeter (eg: FL100 =altimeter reading of 10,000ft with ISA set)

FMS flight management system

**G** on ground

**GPU** ground power unit

**GPWS** ground proximity warning system

**HP** high pressure

IFR instrument flight rules

IMC instrument meteorological conditions ILS instrument landing system

ISA international standard atmosphere = sea level pressure of 1013.2mb and

standard temperature/pressure lapse rate with altitude

**L** landing

**LP** low pressure

MEL minimum equipment list

MDC McDonnell Douglas

MTOW maximum take-off weight NDB non-directional beacon

**NTSB** US National Transportation

Safety Board

**OAT** outside air temperature PAPI precision approach path indicator

PAX passengers

**PF** pilot flying

PNF pilot not flying

RA runway/final approach

**RNAV** area navigation

SB service bulletin

**SID** standard instrument departure

TAWS terrain awareness and warning system

TCAS traffic collision avoidance system TO take-off

TOGA press-button selected take-off/goaround thrust

VASI visual approach slope indicator

VFR visual flight rules

VHF very high frequency

VMC visual meteorological conditions

VOR VHF omni-range navigation beacon

V, take-off decision speed

1nm = 1.85km 1ft = 0.3m1kt = 1.85km/h

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<b>L September</b> On a flight from Kisa	Air Serv Int angani to Bukavu Kavumu airport to	Beechcraft 1900 (ZS-OLD) on the south-east, the aircraft crashed into the slopes of Mt	Mt Kahuzi, DR Congo Kahuzi, which is about 15km north-east of Bukavu,	2/15 at about the 10,	2/15 000ft level in bad weath	AA ner.
ATAL ACCI	IDENTS: COMMUTER	AND REGIONAL AIRLINES				
1 January	Transaven	Let L-410 (YV2081)	Offshore Venezuela	2/12	2/12	ER
	loss was, whether an identical mair	oques islands, the pilot of the L-410 reported that both the intenance mistake on both engines, or fuel exhaustion/inte				
21 February	Santa Barbara Airlines	ATR 42-300 (YV-1449)	Nr Merida, Venezuela	3/43	3/43	С
		at 13,700ft not long after departure from Merida Alberto C				
		Antonov An-28 (PZ-TS0)  Illowing an approach to Lawa Antino airport when it hit high		2/17	2/17	С
<b>7 June</b> The givereft flying fr	Patagonia Airlines	Cessna 208B Caravan (CC-CTR) missing and was not located for three days. The Caravan v	Nr La Junta, southern Chile	1/-	1/9	AA
ived the accident.			· -			_
10 July	Aerocord	Beechcraft 99 (CC-CFM)	Puerto Montt, southern Chile	1/8	1/8	С
ne aircrait crasned  3 October	I shortly after take-off for a local flig Yeti Airlines	DHC Twin Otter 300 (9N-AFE)	Lukla airfield, Nepal	2/16	3/16	RA
The aircraft, inbound suddenly. Lukla, with	d from Kathmandhu, was approachi	ing Lukla's Runway 06 in poor visibility when it crashed. Air 000ft, is highly unusual in that it has a steeply sloping, sho	rport officials report that two other Yeti Airlines aircra	aft had just lande	ed successfully when for	g arrive
15 December		Pilatus BN2A Trislander (N650LP)	Caribbean Sea Nr Turks & Caicos Isles	1/11	1/11	ER
he aircraft, en rout ust after 16:00 loca	e from Santiago de los Caballeros-	Cibao International airport, Dominican Republic to Mayagu contacted Providenciales ATC in the Turks and Caicos Islar	ana in the Bahamas, crashed into the sea after the	pilot made an er	mergency call. The flight	departe
<b>19 December</b> Crashed in jungle in	Air Vanuatu a thick fog. Two passengers were ba	Pilatus BN2A Islander adly injured.	Espiritu Santo, Vanuatu	1/?	1/9	ER
FATAL ACCI	IDENTS: NON-PASSE	NGER FLIGHTS				
L4 January	Alpine Air Express	Beechcraft 1900C (N410UB)	Offshore Kauai, Hawaii	1	1	RA
he aircraft, inbound	d from Honolulu, hit the water surfa	ce about 12km offshore. It was approaching Lihue airport	,	od visibility and a	Ill the airport's approach	lights
26 January	Dirgantara Air Services	` ,	Nr Long Ampung, Indonesia	3	3	AA
he aircraft wreckag L5 March	ge was found not far from its destination	ation at Long Ampung.  Beechcraft 1900D (5N-JAH)	Obanliku, Nigeria	3	3	ER
	t for months before it was found in		Oballiku, Nigeria	3	3	LI
April	Avtex Air Services	Swearingen Metro III (VH-OZA)	Offshore Sydney, Australia	1	1	С
		queried a turn that was different to the cleared departure,				
L1 April 'ha aircraft danarta	Kata Air Transport	Antonov An-32B (ST-AZL)  Sudan base, but turned back soon after take-off because	Chisinau airport, Moldova	8	8	L
	rfield, went out of control, crashed a		the transportuer had railed. During the failding at or	iisiiiau tile aiitia	arcs wing file the structur	corai
23 May Shortly after take-of	Alpine Air Express If the aircraft, loaded with 2,250kg	Beechcraft 1900C (N195GA) cargo, crashed into buildings outside the airport.	Billings, Montana, USA	1	1	С
26 May	Moscovia Airlines	Antonov An-12 (RA-12957)	Nr Chelyabinsk, Russia	9	9	С
		n from Chelyabinsk having delivered cargo. Reports say with	nin 8min of take-off the crew reported smoke on board	d and that they w	ere returning to land. The	e aircra
crashed before reac <b>15 June</b>	China Flying Dragon	Harbin Y-12 (B-38741)	Chifeng, China	3	4	ER
	round during a flight serving a minir	` ,		_	•	
L8 June	Wiggins Airways	DHC-6 Twin Otter 100 (N656WA)	Hyannis airport, Massachusetts, USA	1	1	С
	ramatically at a height of about 200 ability to counter a wing drop with co	Oft after take-off and struck ground in a steep bank, accord ontrol inputs.	ling to airline witnesses. Early investigations sugges	t that flight lock	pins had not been remo	ved, re-
27 June	Juba Air Cargo	Antonov An-12 (ST-ARN)	Nr Malakal, Sudan	7	8	ER
		it crashed near Malakal, about 600km south of Khartour rew, having reported an engine failure, attempted to return				
30 June	Ababeel Aviation	Ilyushin II-76 (ST-WTB)	Khartoum airport, Sudan	4	4	С
Sudan has since ba	anned operations by old Soviet-era a	y after take-off carrying 36t of cargo. Witnesses reported s aircraft, including Antonovs and Ilyushins.		•		
<b>3 July</b> The aircraft, built in	USA Jet Airlines  1967, crashed on a road about 80	McDonnell Douglas DC-9-10 (N199US)  Om from the airport and caught fire.	Nr Saltillo airport, Mexico	1	2	RA
L3 August	Fly540	Fokker F27-500 (5Y-BVF)	Nr Mogadishu North airport, Somalia	3	3	RA
•		on final approach to the airport in poor visibility.				
30 August	Conviasa	Boeing 737-200 (YV102T) ras, the aircraft set off from there for Latacunga airport, Ec	Mt Iliniza, Ecuador	3	3	ER
on a positioning tilg L September	nt aπer some time parked at Carac Air Tahoma	as, the aircraft set off from there for Latacunga airport, Ec Convair 580 (N587X)	Nr Columbus airport, Ohio, USA	3	3	С
The aircraft took off The aircraft crashed	from Runway 05L at Columbus, aft I in a field south-west of the thresho	ter undergoing C check maintenance, for a short flight nort old of 05L. At impact it was heading south and early report	th to Mansfield, Ohio. But just a minute after getting	airborne the cre	w told ATC that they were	e return
13 November	er this may be connected to the acc Falcon Aviation	Antonov An-12 (S9-SA0?)	Al Asad air base, Iraq	7	7	TO
		•	•	7	7	AA
During or shortly aft  27 November  During descent toward	ter take-off the aircraft crashed. US  XL Airways (Germany) ard Perpignan airport, the aircraft cr	forces say the accident was not the result of hostile activi <b>Airbus A320 (D-AXLA)</b> ashed steeply into the sea in a turn. The A320 crew were lance on the twinjet had been carried out at EAS Industries	ty.  Offshore south-west France conducting a post-maintenance test flight from Perp		n and returr	7 n and returning having completed it.



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SIGNIFICAN	T NON-FATAL ACCIDE	INTS				
2 January	Iran Air	Fokker 100 (EP-IDB)	Tehran Mehrabad airport, Iran	-/-	6/53	ТО
7 January	π the runway during take-oπ in light s <b>Qantas</b>	now and was destroyed by impact and fire. The intende <b>Boeing 747-400 (VH-OJM)</b>	Nr Bangkok airport, Thailand	-/-	?/344	RA
•	•	luring its approach, but landed safely. Australian invest		,	, -	
through a crack in the	e glassfibre drip-shield that is suppos	sed to protect the bay from water ingress. It caused the	loss of several electrical busbars supplying systems	and instrument	ts.	-
17 January	British Airways	Boeing 777-200ER (G-YMMM)  for a power increase as the aircraft passed through at	London Heathrow airport, UK	-/1	16/136	RA
but the engines did r largely intact. There v created a unique set engines at any time of	not stop running. The crew were force was no fire. The investigators have ru of circumstances leading to this resi during the entire cruise, nor during the	To a power inclease as the anioral passed unloger and to land the aircraft on grass just inside the airfield be led out fuel exhaustion, fuel contamination, fuel pump, alt. The aircraft was on a long flight in unusually cold up e descent until the aircraft was on short final approach engines' fuel/oil heat-exchangers, where the fuel is w	nundary 350m short of the Runway 27L threshold. It s FADEC or engine failure. An interim AAIB statement s oper air throughout the trip from top of climb onward, a The AAIB believes ice crystals may, when the extra p	slid to rest with i ays it believes t and there was n	its gear separated, but on that the flight conditions o demand for high powe	otherwise may have er from the
1 February The crew had to force	<b>Lloyd Aero Boliviano</b> e-land the aircraft 5km short of Trinida	Boeing 727-200 (CP-2429) ad's main runway, and the aircraft was extensively dam ternate, Rio Branco, Brazil – because of bad weather. F	Nr Trinidad airport, Bolivia aged except for the fuselage. The flight plan was from	-/- n La Paz to Cobij	8/151 ia in northern Bolivia, bu	L ut the air-
14 February	Belavia	Bombardier CRJ100 (EW-101PJ)	Yerevan Zvartnots airport, Armenia	?/?	3/18	TO
The aircraft, departin		n its back during take-off at 04:19 local time, but every	• ,	,	,	
19 February	Air Bagan	ATR 72 (XY-AIE)	Putao airport, Myanmar	2/3	57	TO
	•	d the take-off. The aircraft overran the runway end by al	. 9,	-		
6 March	Manunggal Air	Transall C-160 (PK-VTQ)	Wamena, Indonesia	?/?	3/5	L
Caught fire on landin 25 March	g. Air Atlanta Icelandic	Boeing 747-400 (TF-ARS)	Dhaka airport, Bangladesh	-/-	10/309	G
		While exiting the runway after landing, the crew received	. , .	,	,	
the fire spread and e		d economic repair. All on board evacuated safely. The I				
21 April	Rico Linhas Aereas	Embraer Bandeirante (PT-OCV)	Coari airport, Brazil	-/-	14	ER
_		rew diverted to Coari, where the aircraft slid off the run			_	TO
25 May The aircraft suffered	Malitta Air momentary loss of power and a poss	<b>Boeing 747-200F (N704CK)</b> sible surge in one of its engines at about V, (decision s	Brussels Zaventem airport, Belgium	- raft overran the	5 runway by about 300m :	TO and the fu
		rs have determined all four engines were operating and			raimay sy assac seems	3110 010 10
2 July	Click Airways Int	II-76 (EK-76400)	Nr Zahedan, Iran	-	9	ER
	<del>-</del>	amaging No 4 engine, the wing and fuselage. The crew	<del>-</del>		8	TO
7 July Farly indications are	Kalitta Air that the crew suffered failure of the N	Boeing 747-200 (N714CK) No 4 engine, and during the drill to shut it down, lost the	Bogotá, Colombia  No 1 engine too. The crew force-landed while trying	to return to the		
two people on the gr						
25 July	Qantas	Boeing 747-400 (VH-OJK)	Over the Philippines	-/-	19/346	ER
ward from its freight	bay location through the cabin floor a	Kong to Melbourne, one of the cylinders that supplies nd into the mid-galley area, hitting the door handle and ircraft into a rapid descent to 10,000ft, and transmitte	causing it to detach. The force also ruptured the low	er fuselage just		
27 August	Sriwijaya Air	Boeing 737-200 (PK-CJG)	Jambi airport, Indonesia	-/-	6/123	L
		arboard off the runway, slid down a bank and came to r				
7 September	Tropic Air	Cessna Caravan (V3-HFQ)	Just offshore, Belize	-/-	1/4	С
		domestic flight the aircraft suffered engine failure and	Chek Lap Kok airport, Hong Kong	-/-	7/112	G
•	Hong Kong Airlines	Boeing 737-800  e Hong Kong civil aviation department says the aircraft		,	,	G
22 September		Fokker F28-4000 (HC-CDT)	Quito airport, Ecuador	-/-	4/62	TO
The crew abandoned	take-off and the aircraft overran the	runway, continued down a slope and crashed through a		,	,	
7 October	Qantas	Airbus A330-300 (VH-QPA)	North-west Australia	10/14	10/303	ER
aircraft's three air da to adjust for them. The clearly erroneous info	ta inertial reference units, which fed a ne false data also included "spike" va ormation. The crew intervened manua	ircraft suddenly changed level violently, seriously injuria a series of random, erroneous aircraft performance val alues for airspeed, altitude, position and acceleration. ally and diverted the aircraft to Learmonth, Western Au	ues to the flight management system, including incor The ATSB is working to discover why this occurred, an stralia.	rect angle of att	ack information, which a ther units did not overric	attempted
31 October	Air Europa	Boeing 737-800 (EC-HJQ)	Lanzarote airport, Canary Islands	-/-	?/75	L
1 November	Runway 21 on landing. Weather and v <b>Arctic Transportation</b>	isibility were good, and the airline says the aircraft will CASA Aviocar (N437RA)	be returned to service quickly.  Nr Toksook Bay, Alaska, USA		2	RA
The right engine faile	d to respond to a demand for power	on the base leg of a circuit to land on Runway 16, and and on flat ground. The aircraft was badly damaged.		and rudder the		
6 November	Expressair	Dornier 328 (PK-TXL)	Fak Fak airport, West Papua, Indonesia	ı -/-	4/32	L
		, steep approach, and the gear was damaged when it I ir company Aero Nusantara, says the aircraft was repai		way with the lef	t main gear collapsed, b	ut there
10 November	Ryanair	Boeing 737-800 (EI-DYG)	Rome Ciampino airport, Italy	-/-	6/166	RA
	n at about 200ft the crew saw a large y, suffering a tailstrike and collapse o	flock of starlings ahead and initiated a go-around to average fitne left landing gear	oid the birds. The flock, however, hit the aircraft and b	ooth engines los	st power, so the aircraft I	anded ver
-	Air Wisconsin	Bombardier CRJ200	Philadelphia airport, USA	-	?	1
		ntenance. The NTSB says the attachment bolt for the u		g it attached to	•	rame. The
	n the remaining gear and suffered so	-				
	Continental Airlines	Boeing 737-500 (N18611)	Denver int airport, USA	?/?	5/110	TO off the cir
craft having reached	a maximum speed of 119kt. The 73	ing and rattling" sound about 40s after brake-release 7 veered off the runway to the left, hitting a berm befor re many injuries. The NTSB says there was no debris or	e coming to a halt 600m from the point it left the runv	vay, with a fire o	n the starboard side. All	l on board

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