Column Name	Explanation of Column Name and Codes
INDEX NR	Individual record number
OPID	Airline operator code
OPERATOR	A three letter International Civil Aviation Organization code for aircraft operators. (BUS = business, PVT = private aircraft other than business, GOV = government aircraft, MIL - military aircraft.)
ATYPE	Aircraft
AMA	International Civil Aviation Organization code for Aircraft Make
AMO	International Civil Aviation Organization code for Aircraft Model
EMA	Engine Make Code (see Engine Codes tab below)
EMO	Engine Model Code (see Engine Codes tab below)
AC_CLASS	Type of aircraft (see Aircraft Type tab below)
AC_MASS	1 = 2,250 kg or less: 2 = ,2251-5700 kg: 3 = 5,701-27,000 kg: 4 = 27,001-272,000 kg: 5 = above 272,000 kg
NUM_ENGS	Number of engines
TYPE_ENG	Type of power A = reciprocating engine (piston): B = Turbojet: C = Turboprop: D = Turbofan: E = None (glider): F = Turboshaft (helicopter): Y = Other
ENG_1_POS	Where engine # 1 is mounted on aircraft (see Engine Position tab below)
ENG_2_POS	Where engine # 2 is mounted on aircraft (see Engine Position tab below)
ENG_3_POS	Where engine # 3 is mounted on aircraft (see Engine Position tab below)
ENG_4_POS	Where engine # 4 is mounted on aircraft (see Engine Position tab below)
REG	Aircraft registration
FLT	Flight number
REMAINS_COLLECTED	Indicates if bird or wildlife remains were found and collected
REMAINS_SENT	Indicates if remains were sent to the Smithsonian Institution for identifcation
INCIDENT_DATE	Date strike occurred
INCIDENT_MONTH	Month strike occurred
INCIDENT_YEAR	Year strike occurred
TIME_OF_DAY	Light conditions
TIME	Hour and minute in local time
AIRPORT_ID	International Civil Aviation Organization airport identifier for location of strike whether it was on or off airport
AIRPORT	Name of airport
AIRPORT_LATITUDE	Airport Latitude
AIRPORT_LONGITUDE	Airport Longitude
STATE	State
FAAREGION	FAA Region where airport is located
ENROUTE	If strike did not occur on approach, climb, landing roll, taxi or take-off, aircraft was enroute. This shows location.
RUNWAY	Runway
LOCATION	Various information about aircraft location if enroute or airport where strike evidence was found. Some locations show the two airports for the flight departure and arrival if pilot was unaware of the strike.
HEIGHT	Feet Above Ground Level
SPEED	Knots (indicated air speed)
DISTANCE	Nautical miles from airport
PHASE_OF_FLT	Phase of flight during which strike occurred
DAMAGE	Level of damage selected by the Database Manager. See below for ICAO definitions taken from ICAO IBIS Manual Fourth Edition-2001
Blank	Unknown
N = None	No damage was reported.
M = Minor	When the aircraft can be rendered airworthy by simple repairs or replacements and an extensive inspection is not necessary.
M? = Undetermined level	The aircraft was damaged, but details as to the extent of the damage are lacking.
S = Substantial	When the aircraft incurs damage or structural failure which adversely affects the structure strength, performance or flight characteristics of the aircraft and which would normally require major repair or replacement of the affected component. Bent fairings or cowlings; small dents or puncture holes in the skin; damage to wing tips, antennae, tires or brakes; and engine blade damage not requiring blade replacement are specifically excluded.
D = Destroyed	When the damage sustained makes it inadvisable to restore the aircraft to an airworthy condition.
STR_RAD	Struck radome
DAM_RAD	Damaged radome
STR_WINDSHLD	Struck windshield
DAM_WINDSHLD	Damaged windshield
STR_NOSE	Struck nose
DAM_NOSE	Damaged nose
STR_ENG1	Struck Engine 1
DAM_ENG1	Damaged Engine 1
ING_ENG1	Ingested Engine 1
STR_ENG2	Struck Engine 2
DAM_ENG2	Damaged Engine 2
ING_ENG2	Ingested Engine 2
STR_ENG3	Struck Engine 3
DAM_ENG3	Damaged Engine 3
ING_ENG3	Ingested Engine 3
STR_ENG4	Struck Engine 4
DAM_ENG4	Damaged Engine 4
ING_ENG4	Ingested Engine 4
INGESTED_OTHER	Wildlife ingested in a location other than an engine, effective 3/29/2021 (ALL ingestions for strikes submitted prior to 3/29/2021 are shown here)
STR_PROP	Struck Propeller
DAM_PROP	Damaged Propeller

STR_WING_ROT	Struck Wing or Rotor
DAM_WING_ROT	Damaged Wing or Rotor
STR_FUSE	Struck Fuselage
DAM_FUSE	Damaged Fuselage
STR_LG	Struck Landing Gear
DAM_LG	Damaged Landing Gear
STR_TAIL	Struck Tail
DAM_TAIL	Damaged Tail
STR_LGHTS	Struck Lights
DAM_LGHTS	Damaged Lights
STR_OTHER	Struck Other than parts shown above
DAM_OTHER	Damaged Other than parts shown above
OTHER_SPECIFY	What part was struck other than those listed above
EFFECT	Effect on flight
EFFECT_OTHER	Effect on flight other than those listed on the form
SKY	Type of cloud cover, if any
PRECIP	Precipitation
BIRD_BAND_NUMBER	Bird Band Number associated with the wildlife struck
SPECIES_ID	International Civil Aviation Organization code for type of bird or other wildlife
SPECIES	Common name for bird or other wildlife
BIRDS_SEEN	Number of birds/wildlife seen by pilot
BIRDS_STRUCK	Number of birds/wildlife struck
SIZE	Size of bird as reported by pilot is a relative scale. Entry should reflect the perceived size as opposed to a scientifically determined value. If more than one species was struck, larger bird is entered.
WARNED	Pilot warned of birds/wildlife
COMMENTS	As entered by database manager. Can include name of aircraft owner, types of reports received, updates, etc.
REMARKS	Most of remarks are from the form but some are data entry notes and are usually in parentheses.
AOS	Time aircraft was out of service in hours. If unknown, it is blank.
COST_REPAIRS	Estimated cost of repairs of replacement in dollars (USD)
COST_OTHER	Estimated other costs, other than those in previous field in dollars (USD). May include loss of revenue, hotel expenses due to flight cancellation, costs of fuel dumped, etc.
COST_REPAIRS_INFL_ADJ	Costs adjusted to the most recent year based on Consumer Price Index, U.S. Department of Labor. Inflation-adjusted costs are updated annually.
COST_OTHER_INFL_ADJ	Costs adjusted to the most recent year based on Consumer Price Index, U.S. Department of Labor. Inflation-adjusted costs are updated annually.
REPORTED_NAME	Name(s) of person(s) filing report
REPORTED_TITLE	Title(s) of person(s) filing report
REPORTED_DATE	Date report was written
SOURCE	Type of report. Note: for multiple types of reports this will be indicated as Multiple. See "Comments" field for details
PERSON	Only one selection allowed. For multiple reports, see field "Reported Title"
NR_INJURIES	Number of people injured
NR_FATALITIES	Number of human fatalities
LUPDATE	Last time record was updated
TRANSFER	Unused field at this time
INDICATED_DAMAGE	Indicates whether or not aircraft was damaged

International Civil Aviation Organization

CODES FOR ENGINES BY MANUFACTURER AND MODEL

Manufacturer Code	Engine Manufacturer	Model Code	Engine Model
01	ALLISON		
		01	250 FAMILY
		04	501 FAMILY
		07	GMA2100
		10	GMA3007
		13	V-1710
02	ALLIED SIGNAL (Honeywell)		
		01	LF 507
04	ALVIS		
		01	LEONIDES
07	AVCO LYCOMING		
		01	145 FAMILY
		04	233 FAMILY
		07	235 FAMILY
		08	290 FAMILY
		10	320 FAMILY
		13	340 FAMILY
		16	350 FAMILY
		19	360 FAMILY
		22	435 FAMILY
		25	480 FAMILY
		28	53 FAMILY
		31	540 FAMILY
		34	55 FAMILY
		37	580 FAMILY
		40	720 FAMILY
		43	ALF 502 SERIES
		44	LF507
		46	LTC 1B
		49	LTP FAMILY
		52	LTS FAMILY
		55	R 530
		58	R 680

International Civil Aviation Organization

CODES FOR ENGINES BY MANUFACTURER AND MODEL

Manufacturer Code	Engine Manufacturer	Model Code	Engine Model
08	BRISTOL		
		01	Orpheus 700 family
09	BMW/RR		
		03	710 SERIES
		06	715 SERIES
		12	720 SERIES
10	CFM INTERNATIONAL		
		01	CFM 56
11	CFE COMPANY		
		01	CFE 738
13	CONTINENTAL (TELEDYNE)		
		01	200 FAMILY
		02	185 FAMILY
		04	300 FAMILY
		07	346 FAMILY
		10	360 FAMILY
		13	470 FAMILY
		16	520 FAMILY
		19	526 FAMILY
		20	550 FAMILY
		22	670 FAMILY
		25	A 65 SERIES
		28	A 50 SERIES
		31	C 145 SERIES
		34	C 75/85 SERIES
		37	TIARA

International Civil Aviation Organization

CODES FOR ENGINES BY MANUFACTURER AND MODEL

Manufacturer Code	Engine Manufacturer	Model Code	Engine Model
16	CURTISS-WRIGHT		
		01	1820 FAMILY
		04	C14 FAMILY
		07	C18 FAMILY
		10	C9 FAMILY
		12	R 760 FAMILY
		13	R 1300 FAMILY
		16	R 2600 FAMILY
		19	R 3350 FAMILY
		22	R 975 FAMILY
19	GARRET AIRESEARCH		
		01	TFE 731 SERIES
		04	TPE 331 FAMILY
		07	TSE 36
		08	ATF 3 SERIES
22	GENERAL ELECTRIC		
		01	CF 700 SERIES
		04	CF34
		07	CF6 SERIES
		10	CJ 610 SERIES
		13	CJ 805 SERIES
		16	CT 58 SERIES
		19	CT 64 SERIES
		22	CT7 SERIES
		25	GE90 SERIES
		61	J-79 SERIES
		62	J-85 SERIES
23	INT'L AERO ENGINES		
		01	V2500
24	ISOTOV		
		01	TV 2 SERIES
		04	TV 3 SERIES

International Civil Aviation Organization

CODES FOR ENGINES BY MANUFACTURER AND MODEL

Manufacturer Code	Engine Manufacturer	Model Code	Engine Model
25	IVCHENKO		
		01	AI-20
		04	AI-24
		07	AI-25
27	KLIMOV		
		01	TV2-117
		04	TV3-117
		07	TV7-117
28	KUZNETSOV		
		01	NK8
		04	NK86
29	LOTAREV		
		01	D-18
		04	D-36
		07	D-136
		10	D-236
2A	MOTORLET		
		01	M-601
30	PORSCHE		
		01	930
31	PRATT & WHITNEY (CANADA)		
		01	JT15
		04	PT-6 FAMILY
		07	PT-6-3 (TWIN PACK)
		10	PW100 FAMILY
		13	PW200 FAMILY
		14	PW300 FAMILY
		19	PW400 FAMILY
		20	PW500 FAMILY
34	PRATT & WHITNEY (USA)		
		01	JT-3
		04	JT-4

International Civil Aviation Organization

CODES FOR ENGINES BY MANUFACTURER AND MODEL

Manufacturer Code	Engine Manufacturer	Model Code	Engine Model
34	PRATT & WHITNEY (USA)		
		01	JT-3
		04	JT-4
		07	JT-6
		10	JT-8
		13	JT-9
		16	JT-12
		19	R 985
		22	R 1340
		25	R 1800
		28	R 1830
		31	R 2000
		34	R 2800
		37	R 4360
		40	PW 2000
		43	PW 3000
		46	PW 4000
		49	PW 5000
		50	PW 6000
36	PZL		
		01	AI-14 FAMILY
		04	ASZ-62R FAMILY
		07	F2 FAMILY
		10	F4 FAMILY
		13	F6 FAMILY
		16	GTD 350
		19	SO1/SO3 FAMILY
		22	TVD-10B
		25	TVD-10W
		28	3S FAMILY

International Civil Aviation Organization

CODES FOR ENGINES BY MANUFACTURER AND MODEL

Manufacturer Code	Engine Manufacturer	Model Code	Engine Model
37	ROLLS ROYCE		
		01	AVON
		04	CONWAY
		07	DART
		10	GAZELLE
		13	GEM
		16	GNOME
		19	GYPSY-QUEEN
		22	HERCULES
		25	M45H
		28	NIMBUS
		31	OLYMPUS
		34	PROTEUS
		37	RB 211
		40	RB 162
		41	RB 183
		43	SPEY
		46	TAY
		49	TYNE
		52	VIPER
		55	TRENT
		61	MERLIN
40	SOLIEV		
		01	D30
		02	D25V
		03	PS90

International Civil Aviation Organization

CODES FOR ENGINES BY MANUFACTURER AND MODEL

Manufacturer Code	Engine Manufacturer	Model Code	Engine Model
43	TURBOMECA		
		01	ARRIEL
		02	ARRIUS
		04	ARTOUSTE
		07	ASTAZOU TURBOPROP
		10	ASTAZOU TURBOSHAFT
		13	BASTAN
		16	BI-BASTAN
		19	MAKILA
		22	MARBORE
		25	TURMO TURBOPROP
		28	TURMO TURBOSHAFT
46	WILLIAMS		
		01	FJ44
49	ZMKB PROGRESS		
		01	D-27
Y0	MILITARY		
Z	UNKNOWN		

Aircraft Type

Aircraft Code	Aircraft Classification
A	Airplane
B	Helicopter
C	Glider
D	Balloon
F	Dirigible
I	Gyroplane
J	Ultralight
Y	Other
Z	Unknown

Engine Position

Engine Code	Location of Engine
1	Engine mounted below the wing
2	Engine mounted above the wing
3	Engine is an integral part of the wing root
4	Engine is nacelle-mounted on the wing (i.e. piston or turboprop)
5	Engine is mounted on the aft fuselage
6	Engine is in the empennage (helicopters)
7	Engine mounted at the intake of the nose