SDRX Data Download File Layout (as of 05/05/2009)

SDRSName	Column Type	Length	Comments
OperatorControlNumber	Char	17	User-defined unique identifier. See "Internet SDR Submissions Form - Instructions and Requirements" document in the "Related References" area on the Internet-SDR website (http://av-info.faa.gov/sdrx)
DifficultyDate	DateTime		Formatted as "yyyymmdd"
SubmissionDate	DateTime		
OperatorDesignator	Char	4	Designator of the operator of the aircraft
SubmitterDesignator	Char	4	Designator of the company submitting the SDR. May be different from the OperatorDesignator in the case of Repair Stations
SubmitterTypeCode	Char	1	Submitter Type Code. Most commercial air carriers have a SubmitterType of "A".
ReceivingRegionCode	Char	2	Combined with the ReceivingDistrictOffice to represent the FAA Region/District Office which certified this air carrier and which is responsible for monitoring the air carrier's activity (e.g., "GL09" is district office "09" in the "Great Lakes" region).
ReceivingDistrictOffice	Char	2	Combined with the ReceivingRegionCode to represent the FAA Region/District Office which certified this air carrier and which is responsible for monitoring the air carrier's activity (e.g., "GL09" is district office "09" in the "Great Lakes" region).
SDRType	Char	1	G means that this is a General Aviation-related SDR, "A" means that it's an Air Carrier-related SDR
JASCCode	Char	4	The Joint Aircraft System/Component (JASC) Code, previously known as "ATA" code. See "JASC Code, Standard Part Name and Condition" document on the Internet-SDR website (http://av-info.faa.gov/isdr)
NatureOfConditionA	Char	2	Nature of Condition Code #1
NatureOfConditionB	Char	2	Nature of Condition Code #2
NatureOfConditionC	Char	2	Nature of Condition Code #3
PrecautionaryProcedureA	Char	1	Precautionary Procedure Code #1
PrecautionaryProcedureB	Char	1	Precautionary Procedure Code #2
PrecautionaryProcedureC	Char	1	Precautionary Procedure Code #3
PrecautionaryProcedureD	Char	1	Precautionary Procedure Code #4
StageOfOperationCode	Char	2	Stage of Operation/Flight Code
HowDiscoveredCode	Char	1	How Discovered Code
RegistryNNumber	Char	5	Aircraft Registration Number. Don't included leading "N" for American-registered aircraft. Enter as much as possible for non-American-registered aircraft
AircraftMake	Char	15	Aircraft Manufacturer
AircraftModel	Char	20	Aircraft Model
AircraftSerialNumber	VarChar	12	Aircraft Serial Number
AircraftTotalTime	Decimal		Aircraft Total Time
AircraftTotalCycles	Decimal		Aircraft Total Cycles
EngineMake	Char	15	Engine Manufacturer
EngineModel	Char	20	Engine Model
EngineSerialNumber	VarChar	12	Engine Serial Number
EngineTotalTime	Decimal		Engine Total Time

EngineTotalCycles	Decimal		Engine Total Cycles
PropellerMake	Char	15	Propeller Manufacturer
PropellerModel	Char	20	Propeller Model
PropellerSerialNumber	VarChar	12	Propeller Serial Number
PropellerTotalTime	Decimal		Propeller Total Time
PropellerTotalCycles	Decimal		Propeller Total Cycles
PartMake	Char	15	Part Make
PartName	Char	24	Part Name. See the "JASC Code, Standard Part Name and Condition" document on the Internet-SDR website (http://av-info.faa.gov/isdr) for a list of recommended, standardized part names
PartNumber	VarChar	24	Part Number
PartSerialNumber	VarChar	16	Part Serial Number
PartCondition	Char	20	Part Condition. See the "JASC Code, Standard Part Name and Condition" document on the Internet-SDR website (http://av-info.faa.gov/isdr) for a list of recommended, standardized part conditions
PartLocation	VarChar	20	Part Location
PartTotalTime	Decimal		Part Total Time
PartTotalCycles	Decimal		Part Total Cycles
PartTimeSince	Decimal		Part's time since either Overhaul, Repair or Inspection. "Time since what" is identified by the single character found in the PartSinceCode: "O" means Overhaul, "R" means Repair, and "I" means Inspection. This value may NOT be greater than PartTotalTime.
PartSinceCode	Char	1	Identifies what the time in PartTimeSince is measuring: the time since the part was overhauled, inspected or repaired. "O" means Overhaul, "R" means Repair, and "I" means Inspection
ComponentMake	Char	15	Component Manufacturer
ComponentModel	Char	15	Component Model
ComponentName	Char	24	Component Name
ComponentPartNumber	VarChar	24	Component Part Number
ComponentSerialNumber	VarChar	16	Component Serial Number
ComponentLocation	VarChar	20	Component Location
ComponentTotalTime	Decimal		Component Total Time
ComponentTotalCycles	Decimal		Component Total Cycles
ComponentTimeSince	Decimal		Component's time since either Overhaul, Repair or Inspection. "Time since what" is identified by the single character found in the PartSinceCode: "O" means Overhaul, "R" means Repair, and "I" means Inspection. May not be greater that ComponentTotalTime.
ComponentSinceCode	Char	1	Identifies what the time in ComponentTimeSince is measuring: the time since the component was overhauled, inspected or repaired. "O" means Overhaul, "R" means Repair, and "I" means Inspection
FuselageStationFrom	VarChar	12	The number of the fuselage station at which an identified structural problem begins
FuselageStationTo	VarChar	12	The number of the fuselage station at which an identified structural problem ends

StringerFrom	VarChar	12	The number of the stringer at which an identified structural problem begins
StringerFromSide	Char	1	The side of the aircraft on which an identified structural problem begins
StringerTo	VarChar	12	The number of the stringer at which an identified structural problem ends
StringerToSide	Char	1	The side of the aircraft on which an identified structural problem ends
WingStationFrom	VarChar	12	The number of the wingstation at which an identified structural problem begins
WingStationFromSide	Char	1	The side of the aircraft on which an identified structural problem begins
WingStationTo	VarChar	12	The number of the wingstation at which an identified structural problem ends
WingStationToSide	Char	1	The side of the aircraft on which an identified structural problem ends
ButtLineFrom	VarChar	12	The buttline measurement at which an identified structural problem begins
ButtLineFromSide	Char	1	The side of the aircraft on which an identified structural problem begins
ButtlineTo	VarChar	12	The buttline measurment at which an identified structural problem ends
ButtlineToSide	Char	1	The side of the aircraft on which an identified structural problem ends
WaterLineFrom	VarChar	12	The waterline measurement at which an identified structural problem begins
WaterLineTo	VarChar	12	The waterline measurement at which an identified structural problem ends
CrackLength	Decimal		The length of the reported structural crack in inches
NumberOfCracks	Byte		The number of structural cracks reported
CorrosionLevel	Byte		The severity of the corrosion being reported. Valid values are "2" and "3"
StructuralOther	VarChar	20	20 characters to describe any "other" structural problem
Discrepancy	Text		Description of the problem or anomaly being reported