

TAC-FD Transfer and conversion software – Flight Data

- Compatibile con Heim DATaRec® serie 4, A, D e GSR
- Trasferimento dei dati dal supporto di registrazione (standard o IMC) a PC
- Gestione della configurazione di registrazione
- Preprocessing dei dati PCM e BUS durante il trasferimento

In preparazione:

- Analisi e visualizzazione dati BUS Mil-1553 e Arinc-429
- Import dei protocolli da XidML

The screenshot displays the TAC-FD software interface, which is divided into several sections for configuring data transfer and processing.

Transfer Section: Includes buttons for 'Name', 'Load', 'Save', and 'Option'. Below these are fields for 'Transfer Configuration', 'Arch Path' (set to 'D:\Tape\'), 'Configuration File' (set to 'D:\Varetti\ADN\Conf34'), 'Flight Number' (set to '1'), 'Aircraft Type' (set to 'P207'), 'Aircraft Line' (set to 'P207'), 'Description' (set to 'POLISMA'), 'Recorder Type' (set to 'C200a'), and 'Recorder Number' (set to '1'). A 'Note' field contains text about the test flight and data inversion.

Channels Section: A table listing various data channels with their IDs, module types, names, and parameters.

ID CH	Module Type	Name CH	Top Threshold	SyncWord Length	SyncWord Pattern	BRate	Words x Minor	Bits x Word
MSB#1	MR-12 Mil-1553 Bus Input	EN5 BUS						
MSB#2	MR-12 Mil-1553 Bus Input	TIM BUS						
MRB#1	MRB-12 Data & Clock Burst Merger	MAIN DAL		24	0BE430h	3000000	200	16
MRB#2	MRB-12 Data & Clock Burst Merger	REM DAL		24	0BE430h	3000000	200	16
MRB#3	MRB-12 Data & Clock Burst Merger	TIM LINK		24	0BE430h	3000000	200	16
MRB#4	MRB-12 Data & Clock Burst Merger	FSR LINK		24	0BE430h	3000000	200	16
AN#1	ANR-12 Analog Input	RH EXHAUST PRESSURE	0					
AN#2	ANR-12 Analog Input	REACTION TORQUE						
AN#3	ANR-12 Analog Input	RH HINGE STRAIN						
AN#4	ANR-12 Analog Input	LH HINGE STRAIN						
AN#5	ANR-12 Analog Input	WHEEL BRAKES VIBR						
AN#6	ANR-12 Analog Input	LH SERVO HYD-2 VIBR						
AN#7	ANR-12 Analog Input	ECU1 VIBR						
AN#8	ANR-12 Analog Input	LH SERVO HYD-2 PRESS						
AN#9	ANR-12 Analog Input	HYDR 2 PUMP PRESS						
AN#10	ANR-12 Analog Input	HYDR 1 PUMP PRESS						

Channel Parameter Section: A form for configuring specific channels, with 'Name Channel' set to 'RH HINGE STRAIN'. Fields for 'Top Threshold', 'SyncWord Length', 'SyncWord Pattern', 'Words x Minor', 'BR x Word', and 'BRate' are present.

Buttons: 'Accept', 'Start Transfer', 'Start Processing', and 'Exit' are located at the bottom of the interface.



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Configurazione per la gestione dell'archiviazione dei dati registrati a bordo velivolo

