	A	В	С	D
	SAFRAN DCU II Investigation P/N 32211-03 SN DP05-3423 & DP05-3409 Reason for return: Crash investigation. Attempt to extract data from unit. Reference NTSB Accident Report # ERA17FA190. (Attached) Accident date 05/25/2017.			Investigative Team : SEDC (R&O and Test Supervisor) : Lyall Brownlee TSB (Regional Senior Investigator): Peter Machete
2	SAFRAN ELECTRONICS & DEFENSE CANADA - Peterborough			
4		Test Plan		
5				
6	Step	Description	Owner	Results
6	Step 1	Description Investigation Actions	Owner	Results
6 7 8	-	· · · · · · · · · · · · · · · · · · ·	Owner	Results
7	-	Investigation Actions	Owner	Results No damage to shipping container was noted. The box was not marked or identified as being investigation material. (See photos in 'As Received Visual Inspection' tab)
7 8 9	1	Investigation Actions Date of Action: August 15, 2018		No damage to shipping container was noted. The box was not marked or identified as
7 8	1	Investigation Actions Date of Action: August 15, 2018 Inspect condition of shipping container	Lyall	No damage to shipping container was noted. The box was not marked or identified as being investigation material. (See photos in 'As Received Visual Inspection' tab) The units were securely packed in a sealed bag and wrapped in bubble wrap. External Visual Inspection noted that both units were severely damaged by fire. Serial number plates were legible and the serial numbers were confirmed to be DP05-3423 and DP05-3409. ID Label on DP05-3423 had been lost, but ID Label on DP05-3409 was confirmed

	А	В	С	D
4	SAFRAN ELECTRONICS & DEFENSE CANADA - Peterborough			
5		Test Plan		
6	Step	Description	Owner	Results
13	E	Extract data from NVM Components	Lyall	Data extraction was attempted using Data I/O 3980 Programmer, and SEDC Work Instruction # 94-066 Rev. A. Data extraction from both of the NVM components was unsuccessful. When the memory components were placed in the programer and the action to extract data initiated, the programmer returned the error, "Empty Socket" for DP05-3423 and "Continuity Test Failed" for DP05-3409. These errors would indicate that there was absolutely no response from the component. Multiple attempts were made to ensure that proper physical contact was being made between the programmer and the components but the same results were obtained. SEDC concludes that the extreme heat exposure has fatally damaged the components and the data has been permanently lost.
14	2	Discussion and Action items		
16	А	Not applicable.	N/A	N/A
17	3	Conclusions		
18	A	Not applicable.	N/A	N/A