



ChipCHECK Patch Analysis Summary Report

SAMPLE IDENTIFICATION

AC Type - Engine Type	cf6-80c2b6f	Collection Device	C Sump
Aircraft Type	b767	Date of Analysis	26-Oct-2023
AC Tail Number	287	Reason for Analysis	4th Re-Check 2
Engine Type	cf6-80c2b6f	Discrepancy Number	-
Location of Collection Device	mem	Employee Number	575287
Engine Serial Number	707605	Comments/Notes	sample 1 rechec
Engine Position	1		

ANALYSIS SUMMARY

Material	Particles	Area [micron^2]		Status
		Max	Total	
M50	0	0	0	
M50 Nil	0	0	0	
17-4PH	0	0	0	
300 Series	0	0	0	
400 Series	0	0	0	
Low Alloy Steel	1	2 315 517	2 315 517	
52100 / 4130	0	0	0	
4340	0	0	0	
9310	0	0	0	
A286 Steel	0	0	0	
Inconel	0	0	0	
Al2024	0	0	0	
Al6061	0	0	0	
Al7075	0	0	0	
Ti-6-4	0	0	0	
Ti-6-2-4-6	0	0	0	
Copper	0	0	0	
Brass	0	0	0	
Silver	0	0	0	
Ag	0	0	0	
Al	0	0	0	
Cu	0	0	0	
Fe	0	0	0	
Ni	0	0	0	
Ti	0	0	0	
Unclassified	17	65 337	235 815	

DETAILS: PATCH # 1 / 1



Particle ID	Area [micron^2]	Centroid XY	Max. Feret [micron]	Min. Feret [micron]	Shape Factor	Alloy Match
1.1	2 315 517	{X=-96,Y=-233}	1 475	855	1.7	Low Alloy Steel
4	65 337	{X=191,Y=-226}	494	227	2.2	Unclassified
11	30 331	{X=553,Y=823}	627	173	3.6	Unclassified
12	22 456	{X=8,Y=-254}	282	125	2.3	Unclassified
15	20 672	{X=545,Y=789}	212	149	1.4	Unclassified
24	12 058	{X=-13,Y=-409}	196	94	2.1	Unclassified
26	9 905	{X=224,Y=-162}	141	110	1.3	Unclassified
27	9 782	{X=-89,Y=84}	141	110	1.3	Unclassified
32	8 982	{X=307,Y=-324}	157	86	1.8	Unclassified
34	8 367	{X=-8,Y=128}	165	78	2.1	Unclassified
39	7 321	{X=38,Y=-66}	157	78	2.0	Unclassified
42	6 521	{X=175,Y=371}	118	86	1.4	Unclassified
43	6 275	{X=382,Y=-397}	133	78	1.7	Unclassified
46	5 845	{X=-35,Y=109}	133	63	2.1	Unclassified
47	5 845	{X=190,Y=41}	118	63	1.9	Unclassified
51	5 475	{X=-68,Y=106}	94	78	1.2	Unclassified
52	5 475	{X=-23,Y=-314}	141	71	2.0	Unclassified
55	5 168	{X=239,Y=-153}	78	31	2.5	Unclassified



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SAMPLE IDENTIFICATION

AC Type - Engine Type	cf6-80c2b6f	Collection Device	MCD
Aircraft Type	b767	Date of Analysis	26-Oct-2023
AC Tail Number	287	Reason for Analysis	Other
Engine Type	cf6-80c2b6f	Discrepancy Number	-
Location of Collection Device	mem	Employee Number	575287
Engine Serial Number	707605	Comments/Notes	sample 1
Engine Position	1		

ANALYSIS SUMMARY

Material	Particles	Area [micron^2]		Status
		Max	Total	
M50	0	0	0	
M50 Nil	0	0	0	
17-4PH	0	0	0	
300 Series	0	0	0	
400 Series	0	0	0	
Low Alloy Steel	1	2 339 019	2 339 019	
52100 / 4130	0	0	0	
4340	0	0	0	
9310	1	16 980	16 980	
A286 Steel	0	0	0	
Inconel	0	0	0	
Al2024	0	0	0	
Al6061	0	0	0	
Al7075	0	0	0	
Ti-6-4	0	0	0	
Ti-6-2-4-6	0	0	0	
Copper	0	0	0	
Brass	0	0	0	
Silver	0	0	0	
Ag	0	0	0	
Al	0	0	0	
Cu	0	0	0	
Fe	0	0	0	
Ni	0	0	0	
Ti	0	0	0	
Unclassified	4	12 366	34 822	

DETAILS: PATCH # 1 / 1



Particle ID	Area [micron^2]	Centroid XY	Max. Feret [micron]	Min. Feret [micron]	Shape Factor	Alloy Match
1.1	2 339 019	{X=-93,Y=-237}	2 290	1 122	2.0	Low Alloy Steel
1.3	16 980	{X=-99,Y=-152}	345	86	4.0	9310
24	12 366	{X=549,Y=786}	157	110	1.4	Unclassified
40	8 798	{X=234,Y=-108}	173	78	2.2	Unclassified
45	7 690	{X=329,Y=64}	141	78	1.8	Unclassified
57	5 968	{X=-74,Y=65}	141	78	1.8	Unclassified