

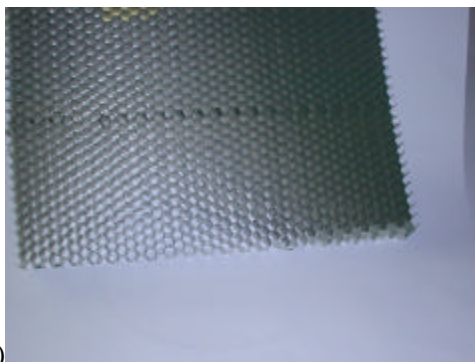


Non conformance report

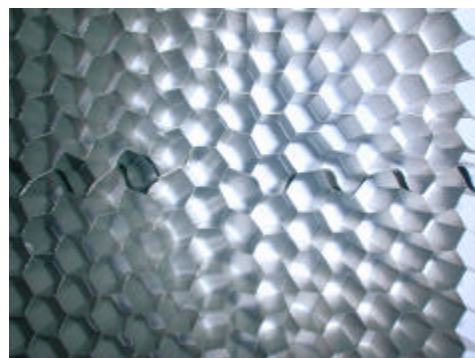
Pisa 10/12/03 #3

Object:	Al Honeycomb
Drawing	LAT-DS-00148 Mid Tray Composite Panel Assembly
Drawing	LAT-DS-00647 Heavy Composite Panel Assembly

Defect ID	Description
n	No defects
j	Joined walls; extra wall (fig.1)
r	The cut is rotated respect to the cells (fig 2)
p	The colour is not uniform (fig. 3)
c	The edge of the cells are locally damaged (fig 4)
	Honeycomb cut not orthogonal to the cell rows



a)



b)

fig.1) Defetc type j:entire view (a), close view (b). An extra wall all along a cell row is observed. Possible cause: bad cell gluing.

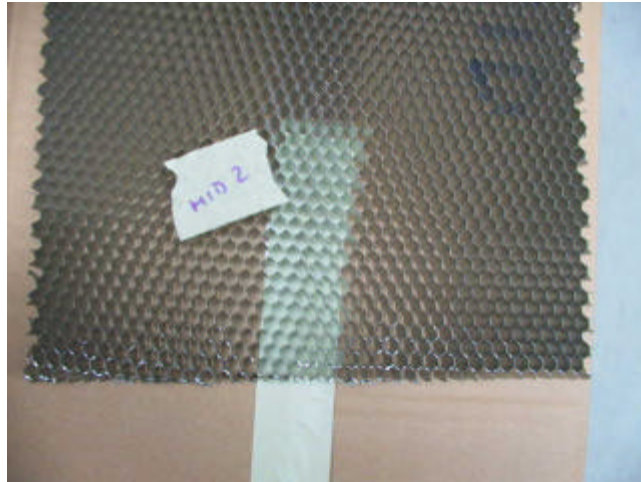


fig.2) Defetc type r: the cut is not orthogonal to the cell rows

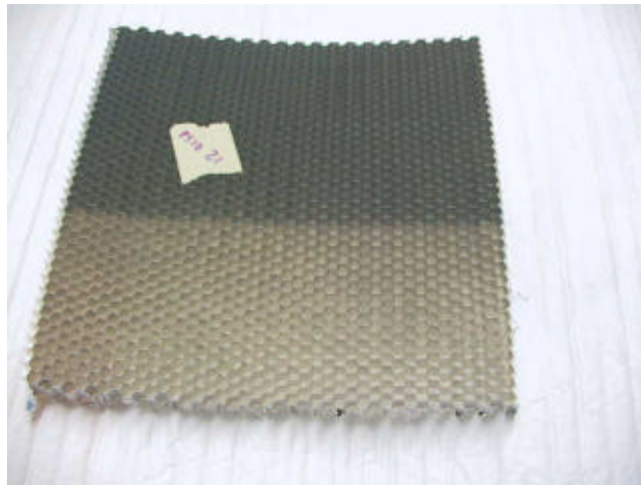


fig.3) Defetc type p: there is a colour change: different Al preparation?

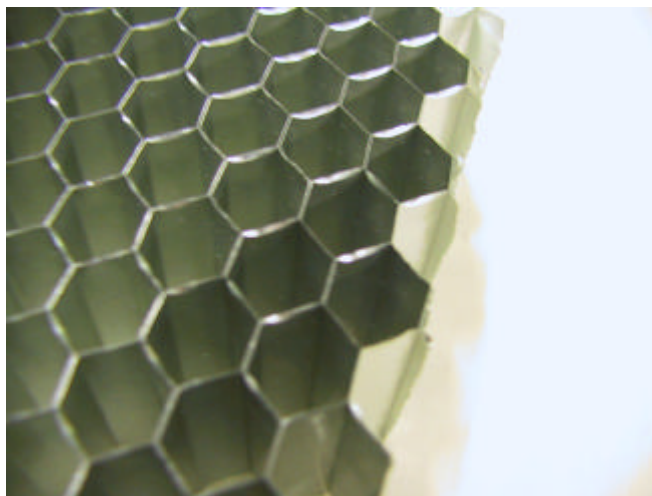


fig.4)) Defetc type c: the top edge of the cells is damaged

Mid tray honeycomb cores

Honeycomb ID	DEFECT	Honeycomb ID	DEFECT	Honeycomb ID	DEFECT	Honeycomb ID	DEFECT
Mid_ 1	joint	Mid_ 41	rotated	Mid_ 81	crasch	Mid_ 121	ok
Mid_ 2	rotated	Mid_ 42	crasch	Mid_ 82	crasch	Mid_ 122	crasch
Mid_ 3	crasch	Mid_ 43	rotated	Mid_ 83	crasch	Mid_ 123	crasch
Mid_ 4	rotated	Mid_ 44	color	Mid_ 84	ok	Mid_ 124	crasch
Mid_ 5	crasch	Mid_ 45	rotated	Mid_ 85	ok	Mid_ 125	crasch
Mid_ 6	crasch	Mid_ 46	crasch	Mid_ 86	crasch	Mid_ 126	crasch
Mid_ 7	crasch	Mid_ 47	crasch	Mid_ 87	rotated	Mid_ 127	crasch
Mid_ 8	rotated	Mid_ 48	crasch	Mid_ 88	ok	Mid_ 128	crasch
Mid_ 9	rotated	Mid_ 49	ok	Mid_ 89	ok	Mid_ 129	crasch
Mid_ 10	joint	Mid_ 50	crasch	Mid_ 90	crasch	Mid_ 130	crasch
Mid_ 11	crasch	Mid_ 51	rotated	Mid_ 91	crasch	Mid_ 131	crasch
Mid_ 12	joint	Mid_ 52	color	Mid_ 92	crasch	Mid_ 132	crasch
Mid_ 13	crasch	Mid_ 53	crasch	Mid_ 93	crasch	Mid_ 133	crasch
Mid_ 14	ok	Mid_ 54	ok	Mid_ 94	crasch	Mid_ 134	crasch
Mid_ 15	crasch	Mid_ 55	crasch	Mid_ 95	crasch	Mid_ 135	crasch
Mid_ 16	crasch	Mid_ 56	crasch	Mid_ 96	crasch	Mid_ 136	crasch
Mid_ 17	crasch	Mid_ 57	crasch	Mid_ 97	crasch	Mid_ 137	crasch
Mid_ 18	crasch	Mid_ 58	rotated	Mid_ 98	crasch	Mid_ 138	crasch
Mid_ 19	crasch	Mid_ 59	ok	Mid_ 99	crasch	Mid_ 139	crasch
Mid_ 20	crasch	Mid_ 60	crasch	Mid_ 100	crasch	Mid_ 140	crasch
Mid_ 21	color	Mid_ 61	crasch	Mid_ 101	crasch	Mid_ 141	crasch
Mid_ 22	ok	Mid_ 62	crasch	Mid_ 102	crasch	Mid_ 142	crasch
Mid_ 23	crasch	Mid_ 63	crasch	Mid_ 103	crasch	Mid_ 143	crasch
Mid_ 24	color	Mid_ 64	crasch	Mid_ 104	crasch	Mid_ 144	crasch
Mid_ 25	color	Mid_ 65	crasch	Mid_ 105	crasch	Mid_ 145	crasch
Mid_ 26	rotated	Mid_ 66	crasch	Mid_ 106	crasch	Mid_ 146	crasch
Mid_ 27	joint	Mid_ 67	crasch	Mid_ 107	crasch	Mid_ 147	crasch
Mid_ 28	joint	Mid_ 68	crasch	Mid_ 108	crasch	Mid_ 148	crasch
Mid_ 29	crasch	Mid_ 69	crasch	Mid_ 109	crasch	Mid_ 149	crasch
Mid_ 30	rotated	Mid_ 70	crasch	Mid_ 110	crasch	Mid_ 150	crasch
Mid_ 31	crasch	Mid_ 71	crasch	Mid_ 111	crasch	Mid_ 151	crasch
Mid_ 32	crasch	Mid_ 72	crasch	Mid_ 112	crasch	Mid_ 152	crasch
Mid_ 33	crasch	Mid_ 73	crasch	Mid_ 113	crasch	Mid_ 153	crasch
Mid_ 34	rotated	Mid_ 74	crasch	Mid_ 114	crasch	Mid_ 154	crasch
Mid_ 35	rotated	Mid_ 75	crasch	Mid_ 115	crasch	Mid_ 155	crasch
Mid_ 36	crasch	Mid_ 76	crasch	Mid_ 116	crasch	Mid_ 156	crasch
Mid_ 37	rotated	Mid_ 77	crasch	Mid_ 117	ok	Mid_ 157	crasch
Mid_ 38	rotated	Mid_ 78	crasch	Mid_ 118	crasch	Mid_ 158	crasch
Mid_ 39	ok	Mid_ 79	crasch	Mid_ 119	crasch	Mid_ 159	crasch
Mid_ 40	ok	Mid_ 80	crasch	Mid_ 120	crasch	Mid_ 160	crasch

Honeycomb ID	DEFECT	Honeycomb ID	DEFECT	Honeycomb ID	DEFECT
Mid_ 161	crasch	Mid_ 201	crasch	Mid_ 241	joint
Mid_ 162	crasch	Mid_ 202	crasch	Mid_ 242	joint
Mid_ 163	crasch	Mid_ 203	crasch	Mid_ 243	joint
Mid_ 164	crasch	Mid_ 204	crasch	Mid_ 244	joint
Mid_ 165	crasch	Mid_ 205	color	Mid_ 245	joint
Mid_ 166	crasch	Mid_ 206	color	Mid_ 246	joint
Mid_ 167	crasch	Mid_ 207	color	Mid_ 247	joint
Mid_ 168	crasch	Mid_ 208	color	Mid_ 248	joint
Mid_ 169	crasch	Mid_ 209	color	Mid_ 249	joint
Mid_ 170	crasch	Mid_ 210	color	Mid_ 250	rotated
Mid_ 171	crasch	Mid_ 211	color	Mid_ 251	rotated
Mid_ 172	crasch	Mid_ 212	color	Mid_ 252	rotated
Mid_ 173	crasch	Mid_ 213	color	Mid_ 253	rotated
Mid_ 174	crasch	Mid_ 214	color	Mid_ 254	rotated
Mid_ 175	crasch	Mid_ 215	color	Mid_ 255	rotated
Mid_ 176	crasch	Mid_ 216	color	Mid_ 256	rotated
Mid_ 177	crasch	Mid_ 217	color	Mid_ 257	rotated
Mid_ 178	crasch	Mid_ 218	color	Mid_ 258	rotated
Mid_ 179	crasch	Mid_ 219	color	Mid_ 259	rotated
Mid_ 180	crasch	Mid_ 220	color	Mid_ 260	rotated
Mid_ 181	crasch	Mid_ 221	color	Mid_ 261	rotated
Mid_ 182	crasch	Mid_ 222	color	Mid_ 262	rotated
Mid_ 183	crasch	Mid_ 223	color	Mid_ 263	rotated
Mid_ 184	crasch	Mid_ 224	color	Mid_ 264	rotated
Mid_ 185	crasch	Mid_ 225	color	Mid_ 265	rotated
Mid_ 186	crasch	Mid_ 226	color	Mid_ 266	rotated
Mid_ 187	crasch	Mid_ 227	joint	Mid_ 267	rotated
Mid_ 188	crasch	Mid_ 228	joint	Mid_ 268	rotated
Mid_ 189	crasch	Mid_ 229	joint	Mid_ 269	rotated
Mid_ 190	crasch	Mid_ 230	joint	Mid_ 270	rotated
Mid_ 191	crasch	Mid_ 231	joint	Mid_ 271	rotated
Mid_ 192	crasch	Mid_ 232	joint	Mid_ 272	rotated
Mid_ 193	crasch	Mid_ 233	joint	Mid_ 273	rotated
Mid_ 194	crasch	Mid_ 234	joint		
Mid_ 195	crasch	Mid_ 235	joint		
Mid_ 196	crasch	Mid_ 236	joint		
Mid_ 197	crasch	Mid_ 237	joint		
Mid_ 198	crasch	Mid_ 238	joint		
Mid_ 199	crasch	Mid_ 239	joint		
Mid_ 200	crasch	Mid_ 240	joint		

Heavy tray honeycomb cores

Honeycomb ID	DEFECT
Heavy_ 1	rotated
Heavy_ 2	ok
Heavy_ 3	ok
Heavy_ 4	ok
Heavy_ 5	ok
Heavy_ 6	ok
Heavy_ 7	ok
Heavy_ 8	rotated
Heavy_ 9	ok
Heavy_ 10	ok
Heavy_ 11	ok
Heavy_ 12	rotated
Heavy_ 13	ok
Heavy_ 14	ok
Heavy_ 15	ok
Heavy_ 16	ok
Heavy_ 17	ok
Heavy_ 18	ok
Heavy_ 19	ok
Heavy_ 20	ok
Heavy_ 21	ok
Heavy_ 22	ok
Heavy_ 23	ok
Heavy_ 24	ok
Heavy_ 25	rotated
Heavy_ 26	ok
Heavy_ 27	rotated
Heavy_ 28	ok
Heavy_ 29	ok
Heavy_ 30	ok
Heavy_ 31	ok
Heavy_ 32	ok
Heavy_ 33	ok
Heavy_ 34	ok
Heavy_ 35	ok
Heavy_ 36	ok
Heavy_ 37	ok
Heavy_ 38	ok
Heavy_ 39	ok
Heavy_ 40	ok
Heavy_ 41	ok
Heavy_ 42	ok

Honeycomb ID	DEFECT
Heavy_ 43	ok
Heavy_ 44	ok
Heavy_ 45	ok
Heavy_ 46	ok
Heavy_ 47	rotated
Heavy_ 48	ok
Heavy_ 49	ok
Heavy_ 50	ok
Heavy_ 51	rotated
Heavy_ 52	ok
Heavy_ 53	ok
Heavy_ 54	ok
Heavy_ 55	ok
Heavy_ 56	ok
Heavy_ 57	ok
Heavy_ 58	ok
Heavy_ 59	ok
Heavy_ 60	ok
Heavy_ 61	ok
Heavy_ 62	ok
Heavy_ 63	ok
Heavy_ 64	ok
Heavy_ 65	ok
Heavy_ 66	ok
Heavy_ 67	ok
Heavy_ 68	ok
Heavy_ 69	ok
Heavy_ 70	ok
Heavy_ 71	ok
Heavy_ 72	ok
Heavy_ 73	ok
Heavy_ 74	ok
Heavy_ 75	ok
Heavy_ 76	ok
Heavy_ 77	ok
Heavy_ 78	ok
Heavy_ 79	ok
Heavy_ 80	ok
Heavy_ 81	ok
Heavy_ 82	ok
Heavy_ 83	ok
Heavy_ 84	ok

Top tray honeycomb cores

Honeycomb ID	DEFECT
Top_ 1	crasch
Top_ 2	crasch
Top_ 3	crasch
Top_ 4	ok
Top_ 5	crasch
Top_ 6	crasch
Top_ 7	crasch
Top_ 8	crasch
Top_ 9	crasch
Top_ 10	crasch
Top_ 11	crasch
Top_ 12	crasch
Top_ 13	crasch
Top_ 14	ok
Top_ 15	crasch
Top_ 16	ok
Top_ 17	ok
Top_ 18	ok
Top_ 19	ok

Bottom tray honeycomb cores

Honeycomb ID	DEFECT
Bottom_ 1	ok
Bottom_ 2	ok
Bottom_ 3	ok
Bottom_ 4	ok
Bottom_ 5	ok
Bottom_ 6	ok
Bottom_ 7	ok
Bottom_ 8	ok
Bottom_ 9	ok
Bottom_ 10	ok
Bottom_ 11	ok
Bottom_ 12	ok
Bottom_ 13	ok
Bottom_ 14	ok
Bottom_ 15	ok
Bottom_ 16	ok
Bottom_ 17	ok
Bottom_ 18	ok
Bottom_ 19	ok
Bottom_ 20	ok

