



# BLAIR STRIP STEEL COMPANY

P.O. Box 7159 1209 Butler Avenue New Castle, PA USA 16107  
Phone: (724) 658-2611 Fax: (724) 658-6548 www.BlairStripSteel.com

## PRODUCT CERTIFICATION

WORK ORDER  
849002

HEAT NUMBER  
B61480

SALES ORDER  
010275

SOLD TO

A.M. Castle & Co.  
14001 Orange Avenue  
Paramount, CA 90723  
USA  
Attn: AM Castle

CUSTOMER P.O. 567911	CUSTOMER PART 36357	QUANTITY 21,995 Lbs	COILS 5	LADING NO 00033012	SHIPMENT DATE					
<b>PRODUCT DESCRIPTION</b> Aircraft Quality 4130 .1900 x 36.000 x 144.0  Customer Grade: AMC - 4130AQ 6350 Spec: AMC G41300-50 AMS 6350P/6351L - Annealed/Spheroidized (Successor to AMS/MIL-S-18729C) AMS 2301K ASTM A505/506 SAE J404 ASTM A829 ASTM E112 "Melted & Manufactured in the USA" Gauge Tol: + .0090 - .0090 Width Tol: + 0.1875 - 0.0 Length Tol: + 1.0 - 0.0 Slit Edge / Hot Roll Finish / Oil Hardness HRB: 0 / 85 Max Package Wt: 5000 Package Type: Lift + Paper Wrap										
<b>CERTIFICATION REQUIREMENTS</b>										
<b>Chemical</b>										
C .29	Mn .47	P .011	S .001	Si .20	Al .037	Cu .03	Ni .02	Cr .89	Mo .17	Sn .004
V .005	Nb .000	B .0003	Ti .0050	Ca .0021	N .0055					
<b>Mechanical</b>										
<b>TEST</b> Raw Material Source		<b>RESULT</b> Arcelor - Riverdale, IL USA								
<b>TEST</b> As Produced Hardness		<b>UNITS</b> HRB		<b>Result</b> 82						
<b>TEST</b> Heat Treated Hardness		<b>UNITS</b> HRC		<b>Result</b> 37						
<b>TEST</b> Bend Test		<b>RESULT</b> OK								

I certify that the results are a true and correct copy of the records prepared and maintained by Blair Strip Steel in compliance with the requirements of the cited specifications. Chemistry is as reported by the producing mill. This test report cannot be reproduced or distributed except in full.

Daniel H. Emanuele  
Director, Corporate Quality



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CUSTOMER P.O.	CUSTOMER PART	QUANTITY	COILS	LADING NO	SHIPMENT DATE
567911	36357	21,995 Lbs	5	00033012	
Grain Size	Finer than 8				
Micro Decarb	OK				
<u>TEST</u>	<u>UNITS</u>	<u>Result</u>			
AMS 2301 Freq.	Number	0			
AMS 2301 Sev.	Length	0			
Product is free of mercury or radioactive elements. This certification complies with EN 10204-3.1.					
End of Certification					

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