



LAS Aerospace Ltd

Okehampton Point, Exeter Road Industrial Estate,
Okehampton, Devon, EX20 1UA, UK.

tel: +44 (0)1837 658081 fax: +44 (0)1837 658080 email: sales@lasaero.com web: www.lasaero.com

Delivery Address

A J Walter Aviation Ltd
Logistics Centre
The Business Park
Maydwell Avenue
West Sussex
RH13 0AS

Invoice Address

A J Walter (Aviation) Limited, The Headquarters,
Maydwell Avenue, Slinfold, W. Sussex, RH13 0AS

Certificate of Conformity

Carriage:

DHL on Customer A/C



Number

552341

Date

2016-08-10

Our Job No

1453972

Customer PO No

CPE4816

Customer Telephone

Customer ID

AJW

Sales Person

Jamie Sluggett

Picked By

George Joyce

Page

1 of 1

Part Number Description

NSA5414N24-6
RIVET SOLID
Incoming Cert Requested

Release / Condition

MAN / FN

Batch

608523

Incoming Cert/Lot No

266625P005F001

Shipped Backorder

100

0

Units

Each

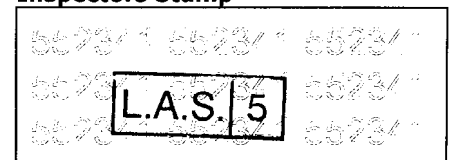
We hereby certify that the items on this certificate have been inspected and released in accordance with the following codes:- 145: Trace to 145 Organization; AIR: Trace to Airline; CAAS: Singapore CAAS AW95/AW96; CASA: CASA Form 1; COM: Commercial part, no release; DUAL: EASA Form 1 / FAA 8130; EASA: EASA Form 1; EXP: For use on experimental or permit aircraft only; FAA: FAA 8130; ISO: ISO9001, fully lot traceable; JAA: JAA or EASA Form 1; LAS: Our CoC only (no trace); MAN: Trace direct to OEM; SGV: Brazilian SEGV00 003; STK: Trace to Stockist; TCA: Transport Canada 24-0078 or Form 1

Item conditions are as per the following codes: AR: As Removed; FN: Factory New; NE: New; NS: New Surplus; OH: Overhauled; REP: Repaired Serviceable; SLE: Shelf Life Expired; SV: Serviceable; TE: Tested Serviceable; US: Unserviceable

All goods supplied or services given are subject to the standard terms and conditions of LAS Aerospace Ltd, copies of which are available on request. In particular it is an express condition subject to which goods are processed and/or supplied that we are to be under no liability whether arising in contract or in tort for any injury, loss or damage to any person or property by or arising out of the use of such goods however caused. Goods released against conditions AR, NS, SLE or US have been inspected, and unless otherwise stated, conform with the requirements of the Order or Contract and are supplied subject to your inspection. Any shortages, discrepancies or damages must be reported in writing within 7 days of receipt of goods. All goods remain the property of LAS Aerospace Ltd until paid for in full.

Signed:
Raymond Howe
Quality Manager

Inspectors Stamp





ATELIERS DE LA HAUTE-GARONNE

Ets AURIOL & Cie - S.A. au capital de 201850 EUR - Z.I. de FLOURENS BP73103 26 route de Lasbordes - 31130 FLOURENS (FRANCE)
Tél. (33) 5 61 83 60 35 - Fax (33) 5 61 83 95 05 - RCS TOULOUSE B 550 800 528 - SIRET 550 800 528 00014 - APE 2593Z

CERTIFICATE of CONFORMITY and TEST REPORT N° A546045

of 10 DEC 2012

ACCORDING TO NF L 00-15C AND EN10204 TYPE 3.1

Page 1

KGT

Your P.O. nb. : 4500126085

of: 04 JUL 2012 Supplier number : 101366

N° ack. : 266625

of: 04 JUL 2012

Shipment to : (or notify party)

BE AEROSPACE FRANCE
CONSUMABLES MANAGEMENT II
27 AV. ETIENNE AUDIBERT
BP 30169
60305 SENLIS CEDEX
FRANCE



10 005 342 97

ITEM	ORDERED	PART NUMBER	SHIPPED
5	25000 PCE	NSA5414 N 24 - 6 (J) Monel400/NU30/2.4360 mod100 CSK marked No coating square end	25000 PCE 6,825 Kg. **
Your Item :	50	annealed no chamfer	
Technical spec :	CM 041		

Lot nb 266625 P005 F001 Qty.: 25000 PCE AHG Wire lot nb.: 197848 Material heat nb.: 63211
NATO Cod : F0095 Origin: France
Manufacture heading date: 29 NOV 2012 Material Producer : DN

			Mini	Maxi	Value	Unit	Test#
Cis./Shear strength 08-058MO	double(D)/simple(S):	S Rc/shear strength	340.00	450.00	381.94	MPa	2
		S Rc/shear strength	340.00	450.00	377.93	MPa	
Durete/Hardness 08-146MO		Dureté/Hardness		170.00	141.80	HV10	5
		Dureté/Hardness		170.00	150.00	HV10	
		Dureté/Hardness		170.00	141.80	HV10	
		Dureté/Hardness		170.00	145.50	HV10	
		Dureté/Hardness		170.00	141.80	HV10	
Ecrasement/Driveability	conforme: O/N	O defaults/defects		0.00	0.00		5
Grain size		Taille / Size	5.00		9.50		1

AL	C	CO	CU	FE	MN	NI + CO	P	PB	S	SI
0,00500	0,09600	0,03000	33,52000	1,50000	0,95000	63,83000	0,00400	0,00000	0,00100	0,06000
SN	TI	ZN	ZN+SN+PB							NI BALANCE
0,00000	0,00000	0,00700	0,00000							

OUR AIRBUS SAS APPROVAL NUMBER IS : 30030 of 31 August 2007
OUR BAE SYSTEMS APPROVAL LETTER REFERENCE IS : ACO/A/LT/JJH/3035

Item 5 to be continued





ATELIERS DE LA HAUTE-GARONNE

Ets AURIOL & Cie - S.A. au capital de 201850 EUR - Z.I. de FLOURENS BP73103 26 route de Lasbordes - 31130 FLOURENS (FRANCE)
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CERTIFICATE of CONFORMITY and TEST REPORT N° A546045

of 10 DEC 2012

Page 2

KGT

Your P.O. nb. : 4500126085

ACCORDING TO NF L00-15C AND EN10204 TYPE 3.1

of : 04 JUL 2012 Supplier number :

101366

N° ack. : 266625

of : 04 JUL 2012

SHIPPED

ITEM	ORDERED	PART NUMBER
Item 5	Continuation	NSA5414 N 24 - 6 (J)

10 005 342 97



LAS
Batch
608523

Parts manufactured by AHG and delivered under this CofC are DFARS compliant per DFAR 252.225-7009
We hereby declare, subject to exceptions, reservations, or concessions listed in this statement of conformity, that the listed supplies comply with the contract requirements and that, after completion of testing and verification, they satisfy in every respect all specified requirements and applicable standards and regulations.

SUPPLIER'S INSPECTION 10 DEC 2012

NAME AND FUNCTION

Gilles GUISSET CTLF Chef Service Contrôle

Computer controlled signature



VISA DGAC

Signataire habilité

Agrément JAR 21 DGAC FG097

** Estimated quantity

--- TRUE COPY CERTIFICATION ---

1000534282

DEUTSCHE NICKEL GMBH
Rosenweg 15, 58239 Schwerte, Germany

Certificat de Réception
EN 10204 - 3.1

No.: 2341 / 2012

ATELIERS DE LA HAUTE GARONNE
ETS AURIOL & CIE
ZI FLOURENS
F - 31131 BALMA

No. de la Commande:
115091MPRV (cw36)

No. de la Confirmation:
80135205 / 3

Matériel: Silverin 400
No. de mat.: 2 4360
Demi-produits: fil
Dimension: dia 2,360 mm

Spécification: SFT/MO Rev E du 12 1 2011
État de livraison: étire a froid, recuit, qualite rivet

Poids-net: 542.00 kg
Nombre des Pièces: 2 caisses
Coulée-No.: 63211

RÉSULTAT DE MESURE

Composition chimique (% de masse)				C	Fe	Mn	Si
Al	Co	Cu		0.096	1.50	0.95	0.060
0.005	0.03	33.52					
S	Ni						
0.0010	63.8						

Résistance a la traction (MPa)
Résistance au cisaillement (MPa)
Allongement à la rupture AL=50 [%]
Grosseur du grain ASTM E112
defect de surface max profondeur [µm]

582
390 - 398
38.0 - 40.0
10.0 - 10.5
6 - 8



LAS
Batch
608523

Notre system d'assurance qualite est homologue sous le numéro 922141 chez Lloyd's Register Quality Assurance

Schwerte, 03.07.2012

L'expert



ATELIERS DE LA HAUTE-GARONNE

Ets AURIOL & Cie - S.A. au capital de 201850 EUR - Z.I. de FLOURENS BP73103 26 route de Lasbordes - 31130 FLOURENS (FRANCE)
Tél. (33) 5 61 83 60 35 - Fax (33) 5 61 83 95 05 - RCS TOULOUSE B 550 800 528 - SIRET 550 800 528 00014 - APE 2593Z

CERTIFICATE of CONFORMITY and TEST REPORT

DB

ACCORDING TO NF L 00-15C AND EN10204 TYPE 3.1

Page 14

Shipment number : 106527 of : 02 JAN 2013

Supplier number : 101366

ORDERED		PART NUMBER	SHIPPED					BALANCE	
Item 3	Continuation	L21215 DC 32 10 J (E)	10 0 0 5 3 4 2 9 7						
CR	CU	FE	FE + MN	MG	MN	SI	TI + ZR	ZN	AL
0,07000	2,80000	0,37000	0,52000	0,42000	0,15000	0,45000	0,02000	0,15000	BALANCE

Your P.O.Number: 4500126085/50

N° Ack/Item: 266625/5

25000 PCE

NSA5414 N 24 - 6 (J)
Monel400/NU30/2.4360
mod100 CSK marked
No coating square end

annealed
no chamfer

25000 PCE
6,825 Kg. **

Technical spec : CM 041

Lot nb 266625 P005 F001 Qty.: 25000 PCE AHG Wire lot nb.: 197848 Material heat nb.: 63211
IN° CC: A546045 NATO Cod : F0095 Origin: France
Manufacture heading date: 29 NOV 2012 Material Producer : DN

SUPPLIER'S INSPECTION

NAME AND FUNCTION Gilles GUISET CTLEF Chef Service Contrôle
DATE 10 DEC 2012 Computer controlled signature



En application du Règlement REACH, cet article ne contient pas de substance de la liste candidate à plus de 0,1% en poids
In accordance with REACH Regulation, this article doesn't contain substance of candidate list in a conc. above 0,1% w/w

Cis./Shear strength	double(D)/simple(S):		Mini	Maxi	Value	Unit	Test#
08-058MO		S Rc/shear strength	340.00	450.00	381.94	MPa	2
		S Rc/shear strength	340.00	450.00	377.93	MPa	
Dureté/Hardness	08-146MO	Dureté/Hardness		170.00	141.80	HV10	5
		Dureté/Hardness		170.00	150.00	HV10	
		Dureté/Hardness		170.00	141.80	HV10	
		Dureté/Hardness		170.00	145.50	HV10	
		Dureté/Hardness		170.00	141.80	HV10	
Ecrasement/Driveability	conforme: O/N	O defaults/defects		0.00	0.00		5
Grain size		Taille / Size	5.00		9.50		1

Item 5 to be continued





ATELIERS DE LA HAUTE-GARONNE

Ets AURIOL & Cie - S.A. au capital de 201850 EUR - Z.I. de FLOURENS BP73103 26 route de Lasbordes - 31130 FLOURENS (FRANCE)
Tél. (33) 5 61 83 60 35 - Fax (33) 5 61 83 95 05 - RCS TOULOUSE B 550 800 528 - SIRET 550 800 528 00014 - APE 2593Z

CERTIFICATE of CONFORMITY and TEST REPORT N° A546045

of 10 DEC 2012

ACCORDING TO NF L00-15C AND EN10204 TYPE 3.1

Page 1

KG
Your P.O. nb.: 4500126085
N° ack.: 266625

of: 04 JUL 2012 Supplier number: 101366
of: 04 JUL 2012

Shipment to: (or notify party)
BE AEROSPACE FRANCE
CONSUMABLES MANAGEMENT II
27 AV. ETIENNE AUDIBERT
BP 30169
60305 SENLIS CEDEX
FRANCE



10 005 342 97

ITEM	ORDERED	PART NUMBER	SHIPPED
5	25000 PCE	NSA5414 N 24 - 6 (J) Monel400/NU30/2.4360 mod100 C5K marked No coating square end	25000 PCE 6,825 Kg. **
Your Item:	50		
Technical spec:	CM 041		

Lot nb 266625 P005 F001 Qty.: 25000 PCE AHG Wire lot nb.: 197848 Material heat nb.: 63211
NATO Cod: F0095 Origin: France
Manufacture heading date: 29 NOV 2012 Material Producer: DN

			Mini	Maxi	Value	Unit	Test#
Cis./Shear strength 08-058MO	double(D)/simple(S):	S Rc/shear strength	340.00	450.00	381.94	MPa	2
		S Rc/shear strength	340.00	450.00	377.93	MPa	
Durete/Hardness 08-146MO		Durete/Hardness		170.00	141.80	HV10	5
		Durete/Hardness		170.00	150.00	HV10	
		Durete/Hardness		170.00	141.80	HV10	
		Durete/Hardness		170.00	145.50	HV10	
		Durete/Hardness		170.00	141.80	HV10	
Ecrasement/Driveability	conforme: O/N	O defaults/defects		0.00	0.00		5
Grain size		Taille / Size	5.00		9.50		1

AL	C	CO	CU	FE	MN	NI + CO	P	PB	S	SI
0,00500	0,09600	0,03000	33,52000	1,50000	0,95000	63,83000	0,00400	0,00000	0,00100	0,06000
SN	TI	ZN	ZN+SN+PB							NI
0,00000	0,00000	0,00700	0,00000							BALANCE

OUR AIRBUS SAS APPROVAL NUMBER IS : 30030 of 31 August 2007
OUR BAE SYSTEMS APPROVAL LETTER REFERENCE IS : ACO/A/LT/JJH/3035

Item 5 to be continued





ATELIERS DE LA HAUTE-GARONNE

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of 10 DEC 2012

Page 2

KGT
Your P.O. nb. : 4500126085
N° ack. : 266625

ACCORDING TO NF L00-15C AND EN10204 TYPE 3.1

of : 04 JUL 2012 Supplier number :

101366

of : 04 JUL 2012

SHIPPED

ITEM	ORDERED	PART NUMBER
Item 5	Continuation	NSA5414 N 24 - 6 (J)

10 005 342 97



Parts manufactured by AHG and delivered under this CofC are DFARS compliant per DFAR 252.225-7009
We hereby declare, subject to exceptions, reservations, or concessions listed in this statement of conformity, that the listed supplies comply with the contract requirements and that, after completion of testing and verification, they satisfy in every respect all specified requirements and applicable standards and regulations.

SUPPLIER'S INSPECTION 10 DEC 2012

NAME AND FUNCTION

Gilles GUISET CTLE Chef Service Contrôle
Computer controlled signature



VISA DGAC

Signataire habilité

Agrément JAR 21 DGAC FG097

** Estimated quantity

--- TRUE COPY CERTIFICATION ---

100053429

DEUTSCHE NICKEL GMBH
Rosenweg 15, 58239 Schwerte, Germany

Certificat de Réception
EN 10204 - 3.1

No.: 2341 / 2012

ATELIERS DE LA HAUTE GARONNE
ETS AURIOL & CIE
ZI FLOURENS
F - 31131 BALMA

No. de la Commande:
115091MPRV (cw36)

No. de la Confirmation:
80135205 / 3

Matériel: Silverin 400
No. de mat.: 2 4360
Demi-produits: fil
Dimension: dia 2,360 mm

Spécification: SFT/MO Rev E du 12 1 2011
État de livraison: etire a froid, recuit, qualite rive!

Poids-net:
542.00 kg

Nombre des Pièces:
2 caisses

Coulée-No.:
63211

RÉSULTAT DE MESURE

Composition chimique (% de masse)

Al 0.005	Co 0.03	Cu 33.52	C 0.096	Fe 1.50	Mn 0.95	Si 0.060
S 0.0010	Ni 63.8					

Résistance a la traction [MPa]
Résistance au cisaillement [MPa]
Allongement a la rupture AL=50 [%]
Grosseur du grain ASTM E112
defect de surface, max profondeur [µm]

582
390 - 398
38.0 - 40.0
10.0 - 10.5
6 - 8



Notre system d'assurance qualité est homologué sous le numéro 922141 chez Lloyd's Register Quality Assurance

Schwerte, 03.07.2012

L'expert



ATELIERS DE LA HAUTE-GARONNE

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ACCORDING TO NF L 00-15C AND EN10204 TYPE 3.1

Page 14

Shipment number : 106527 of : 02 JAN 2013
Supplier number : 101366

Item	3	Continuation	L21215 DC 32 10 J (E)
ORDERED		PART NUMBER	
SHIPPED		BALANCE	

10 0 0 5 3 4 2 9 7

CR	CU	FE	FE + MN	MG	MN	SI	TI + ZR	ZN	AL
0,07000	2,80000	0,37000	0,52000	0,42000	0,15000	0,45000	0,02000	0,15000	BALANCE

Your P.O.Number: 4500126085/50

N° Ack/Item: 266625/5

25000 PCE

NSA5414 N 24 - 6 (J)
Monel400/NU30/2.4360
mod100 CSK marked
No coating square end

annealed
no chamfer

25000 PCE
6,825 Kg. **

Technical spec : CM 041

Lot nb 266625 P005 F001 Qty.: 25000 PCE AHG Wire lot nb.: 197848 Material heat nb.: 63211
N° CC: A546045 NATO Cod : F0095 Origin: France
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NAME AND FUNCTION Gilles GUISET CTLF Chef Service Contrôle
DATE 10 DEC 2012 Computer controlled signature



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		Dureté/Hardness		170.00	150.00	HV10	
		Dureté/Hardness		170.00	141.80	HV10	
		Dureté/Hardness		170.00	145.50	HV10	
		Dureté/Hardness		170.00	141.80	HV10	
Ecrasement/Driveability	conforme: O/N	O defaults/defects		0.00	0.00		5
Grain size		Taille / Size	5.00		9.50		1

Item 5 to be continued

