MINISTERIO DE DEFENSA NACIONAL
COMANDO GENERAL DE LAS FUERZAS MILITARES
EJÉRCITO NACIONAL
BATALLÓN DE MANTENIMIENTO DE AVIACIÓN No.3 MI-17
CAPITÁN ELKIN BARBOSA GUARNIZO

Acta No 2026812000512836

Lugar y fecha: Bogotá D.C., 16 de enero de 2026

Intervienen:
Mayor JUAN CAMILO ROMERO ORTIZ
Oficial S-1 BAMAV3
Supervisor Aceptación de oferta No. 274-CENACAVIACIÓN-2025
Capitán LUIS FELIPE RAMÍREZ GÓMEZ
Almacenista Almacén General BAAAS (E)
COMANDANTE COMPAÑÍA CLI
Señora CLAUDIA MILENA GONZALEZ DUARTE
Representante Legal CIMA S.A.S

Asunto: TRATA DEL ACTA DE RECIBO A SATISFACCIÓN PARCIAL DE LA ACEPTACIÓN DE OFERTA 274-CENACAVIACIÓN-2025 CUYO OBJETO ES "ADQUISICIÓN DE BATERÍAS PARA LOS HELICÓPTEROS MI17 DE LA AVIACIÓN DE EJÉRCITO NACIONAL DE COLOMBIA", CELEBRADO ENTRE MDN-EJERCITO NACIONAL - CENAC DE AVIACIÓN Y LA EMPRESA CIMA S.A.S.

ACTA DE RECIBO A SATISFACCIÓN PARCIAL DE BIENES	
CONTRATO No.	274-CENACAVIACIÓN-2025
FECHA SUSCRIPCIÓN	17 de diciembre de 2025.
OBJETO DEL CONTRATO	"ADQUISICIÓN DE BATERÍAS PARA LOS HELICÓPTEROS MI17 DE LA AVIACIÓN DE EJÉRCITO NACIONAL DE COLOMBIA"
FORMA DE PAGO	**FORMA DE PAGO:** El MDN - EJÉRCITO NACIONAL - CENTRAL ADMINISTRATIVA Y CONTABLE ESPECIALIZADA DE AVIACIÓN DEL EJÉRCITO, pagará a la **CUENTA CORRIENTE 21002866854** del **BANCO CAJA SOCIAL**, la totalidad del valor del contrato de la siguiente forma: **PAGOS PARCIALES**: *Se realizarán **PAGOS PARCIALES CONTRA ENTREGAS PARCIALES** equivalentes a la recepción de los bienes adquiridos recibidos a entera satisfacción y de acuerdo con los precios unitarios del contrato principal; lo anterior mediante giro directo dentro de los sesenta (60) días siguientes al cumplimiento de los requisitos de perfeccionamiento, legalización y ejecución del contrato modificatorio y una vez se verifique el cumplimiento de los siguientes requisitos:* 1. Cumplimiento de los trámites de perfeccionamiento, legalización y ejecución del contrato resultante. 2. Elaboración, suscripción, y cargue del acta de inicio en la plataforma del SECOP II por parte del supervisor. 3. Informe del Supervisor del contrato. 4. Factura y/o cuenta de cobro. (Si es responsable de facturar, debe hacerlo electrónicamente, de conformidad con lo establecido en el Artículo 615 del Estatuto Tributario, desarrollado por el artículo 1.6.1.4.1 del Decreto Único Reglamentario 1625 de 2016) 5. Situación de recursos por parte del Ministerio de Hacienda y Crédito Público Dirección del Tesoro Nacional. (ASIGNACIÓN CUPO PAC).

6. Que se ejecuten los demás trámites administrativos correspondientes.
7. Verificación por parte del supervisor del Contrato con apoyo de la CENTRAL ADMINISTRATIVA Y CONTABLE ESPECIALIZADA DE AVIACIÓN el cumplimiento del contratista del pago de seguridad social integral y de aportes parafiscales y demás requerimiento de ley.
8. Acta de recibo a entera satisfacción de los bienes y/o servicios recibidos a satisfacción, expedida por el supervisor y el contratista.

Nota 1 - En el evento de prórroga, por causa imputable al contratista, el pago se postergará en el mismo lapso de la prórroga.

Nota 2: Para cumplir lo previsto en el artículo 23 de la Ley 1150 de 2007, que modificó el inciso segundo y el parágrafo 11 del artículo 41 de la Ley 80 de 1993, en el artículo 50 de la Ley 789 de 2002 y la Ley 1562 de 2012 y el Decreto 0723 de 2013, el contratista probará el cumplimiento de sus obligaciones frente al Sistema de Seguridad Social Integral (Salud, Pensión y Riesgos Laborales) y las de carácter parafiscal (Cajas de Compensación Familiar, Sena e ICBF) mediante certificación expedida por el revisor fiscal o representante legal, según corresponda. Dicho documento deberá certificar que se ha realizado el pago de los aportes correspondientes a los últimos seis (6) meses anteriores a la fecha cierre del Proceso de Selección.

Nota 3: La Administración del SIIF Nación implemento el "Modelo de Recepción de Facturas de Venta, Notas Debito y/o Notas Crédito", el cual aplica de forma obligatoria a partir del 01 de abril de 2021 para todas las Entidades que hacen parte del Presupuesto General de la Nación (PGN), de conformidad con los establecido en la Directiva Presidencial 09 de septiembre de 2020. **Aquellos Proveedores o Contratistas que tengan identificado en el Registro Único Tributario (RUT) la responsabilidad 52 – Facturador Electrónico (emisor), deberán entregar factura electrónica de venta por los bienes y/o servicios ofrecidos a las entidades del ámbito SIIF Nación, como también las notas débito y/o notas crédito, a través del buzón dispuesto para el efecto por el Ministerio de Hacienda y Crédito Público, para lo cual la información tributaria de los terceros creados en el SIIF Nación** se actualizara con base en los datos de la DIAN mediante un Servicio Web de acuerdo con la circular externa 016 de fecha 9 de marzo de 2021 emitida por el Ministerio de Hacienda y Crédito Público.

Nota 4: PROCEDIMIENTO PARA FACTURACIÓN ELECTRÓNICA

1.El supervisor del contrato debe tener usuario creado en el sistema SIIF NACION - MINHACIENDA por intermedio del cual se realiza la aprobación de facturas para el EJERCITO NACIONAL, y este será tramitado por la sección de contabilidad de la CENAC DE AVIACIÓN.

2.El proveedor debe realizar el proceso descrito en el manual para proveedores y/o contratistas-tramites electrónicos a través de SIIF NACIÓN (F-D1-14), para el cargue de facturas electrónicas en el sistema SIIF II, por el cual se hace el proceso de recepción y aceptación de facturación electrónica de la CENAC DE AVIACIÓN.

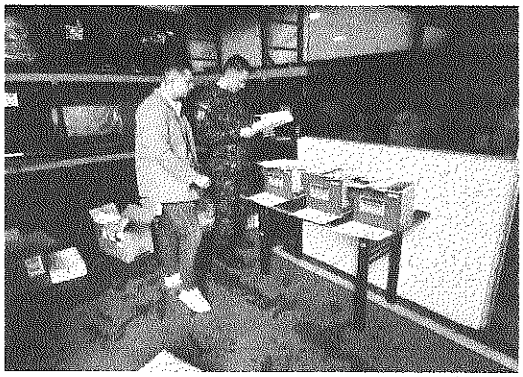
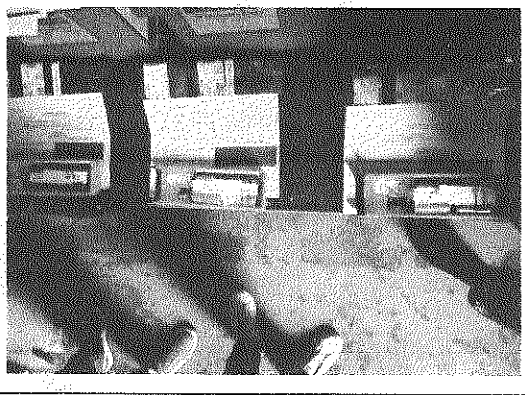
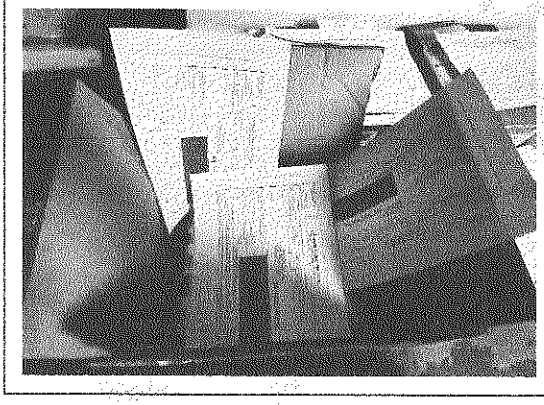
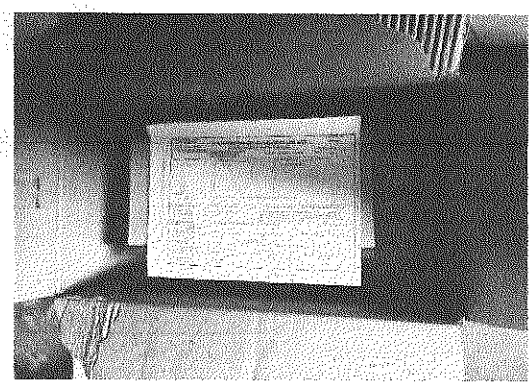
3.El supervisor una vez sea cargada la factura en el sistema SIIF II por parte del proveedor, debe realizar la aprobación de esta teniendo en cuenta el proceso

	descrito en el manual de modulo recepción-gestión de documentos factura electrónica. 4.El supervisor una vez aprueba la factura, debe realizar el seguimiento a fin de garantizar que esta se encuentre en estado ACEPTADA en el sistema SIIF II, para poder verificar el estado debe comunicarse con la sección de contabilidad para así se pueda viabilizar el pago, teniendo en cuenta que si la factura no se encuentra en el estado anteriormente descrito no se podrá gestionar su pago. 5.Si al momento de verificación de la factura se hace necesario elaborar una NOTA CRÉDITO o NOTA DEBITO, estas deben estar de igual manera en estado ACEPTADA en el sistema SIIF II para proceder al pago. 6. De no dar cumplimiento a cada uno de los puntos anteriores no se procesarán los pagos.
CONTRATISTA	**Señora CLAUDIA MILENA GONZÁLEZ DUARTE** Representante Legal de la empresa Compañía Internacional de Mantenimiento CIMA S.A.S.
SUPERVISOR	**Mayor JUAN CAMILO ROMERO ORTIZ** Oficial S-1 BAMAV3 Supervisor de la aceptación de oferta No. 274-CENACAVIACIÓN-2025
VALOR INICIAL DEL CONTRATO	**CIENTO TREINTA Y NUEVE MILLONES OCHOCIENTOS MIL PESOS M/CTE ($139.800.000,00).**
PLAZO DE EJECUCIÓN	29 de diciembre de 2025
PLAZO DE VIGENCIA	La vigencia de la presente aceptación de oferta corresponde al plazo de ejecución y cuatro (4) meses más.
VALOR ADICIÓN	N/A
FECHA PRORROGA	31 de enero de 2026
VALOR FINAL CONTRATO	**CIENTO TREINTA Y NUEVE MILLONES OCHOCIENTOS MIL PESOS M/CTE ($139.800.000,00).**

En el CAMPO AÉREO JOSÉ JOAQUÍN MATALLANA BOGOTÁ - BATALLÓN DE ABASTECIMIENTOS- AERONÁUTICOS - ALMACÉN GENERAL, el día 16 de enero de 2026, se reunieron el señor Mayor **JUAN CAMILO ROMERO ORTIZ**, por parte del MINISTERIO DE DEFENSA NACIONAL – EJERCITO NACIONAL, en su calidad de supervisor de la aceptación de oferta No. 274-CENACAVIACIÓN-2025 y la señora CLAUDIA MILENA GONZÁLEZ DUARTE quien actúa como Representante Legal CIMA S.A.S, en su calidad de contratista; con el fin de dejar constancia del **recibo a satisfacción parcial** de los bienes del contrato descrito en la **cláusula primera** y de conformidad con los términos de iniciación y de ejecución relacionados anteriormente.

A continuación, se describe de manera detallada los **bienes** así:

ACTA No. **2026812000512836** RECIBO A SATISFACCION PARCIAL DE LA ACEPTACIÓN DE OFERTA 274-CENACAVIACIÓN-2025 CUYO OBJETO ES "ADQUISICIÓN DE BATERÍAS PARA LOS HELICÓPTEROS MI17 DE LA AVIACIÓN DE EJÉRCITO NACIONAL DE COLOMBIA", CELEBRADO ENTRE MDN-EJERCITO NACIONAL - CENAC DE AVIACIÓN Y LA EMPRESA CIMA S.A.S.

DESCRIPCIÓN DE BIENES ENTREGADOS

No	DESCRIPCIÓN	SERIE NÚMERO	CANT	UNIDAD	PRECIO UNITARIO SIN IVA	PRECIO TOTAL SIN IVA
1	Baterías P/N RG-CIS25 Helicóptero MI-17 Serie MD - V5	41481523	03	UN	$31.800.000,00	$ 95.400.000,00
		41477592				
		41469946				
2	Battery Pack 406 lithium P/N 452-0133 Helicóptero MI-17 Serie IV MD y V5	1025149-014	03	UN	$ 4.200.000,00	$ 12.600.000,00
		1025149-015				
		1025149-016				

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PRIMERA ENTREGA DE ACUERDO A ACTA DE RECIBO A SATISFACCIÓN No. 2026812000512836

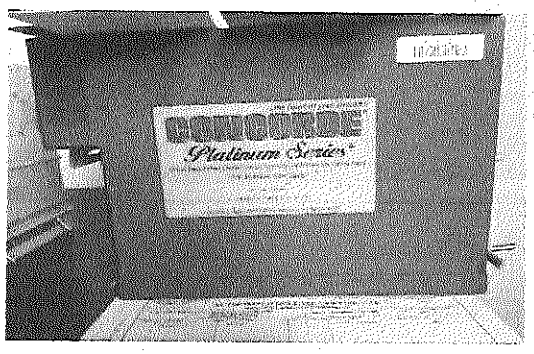
FACTURA No. FEB14995 FECHA 16-01-2025

RUBRO: A-02-02-01-009 EQUIPO DE TRANSPORTE

No	DESCRIPCIÓN	CANT	UNIDAD	FACT	No. ACTA	FECHA ACTA	PRECIO UNITARIO SIN IVA	PRECIO TOTAL SIN IVA
VIGENCIA 2025								
1	Baterías P/N RG-CIS25 Helicóptero MI-17 Serie MD - V5	03	UN	FEB 14995	2026812000512836	16/01/2026	$ 31.800.000,00	$ 95.400.000,00
2	Battery Pack 406 lithium P/N 452-0133 Helicóptero MI-17 Serie IV MD y V5	03	UN	FEB 14995	2026812000512836	16/01/2026	$ 4.200.000,00	$ 12.600.000,00
TOTAL FACTURA No FEB 14995 DE FECHA 16 ENERO DE 2026								$ 108.000.000,00

RG-CIS25

S/N 41481523



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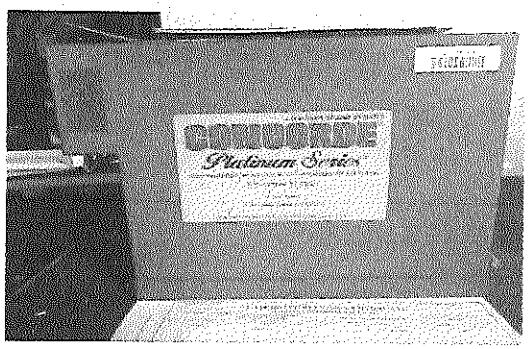

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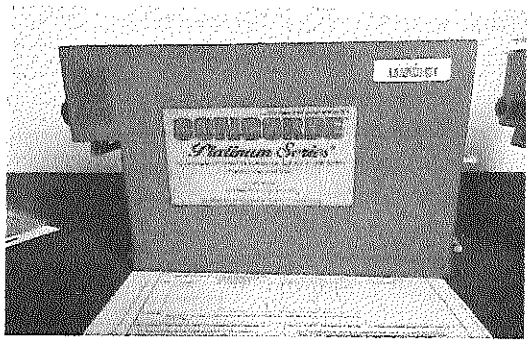

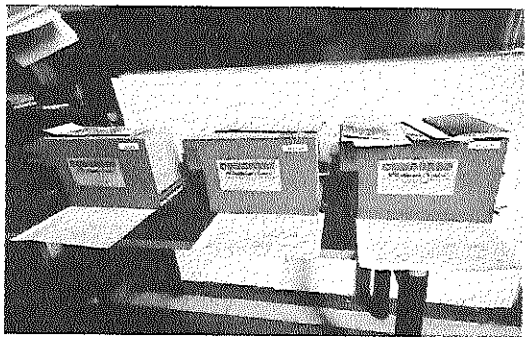

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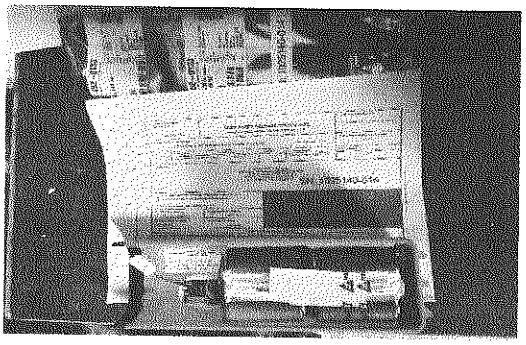
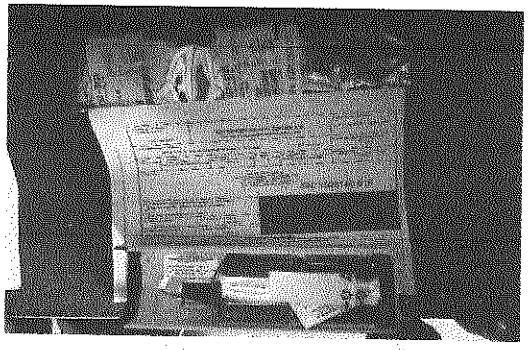
BATTERY PACK 406 LITHIUM	
S/N 1025149-014	**S/N 1025149-015**
	
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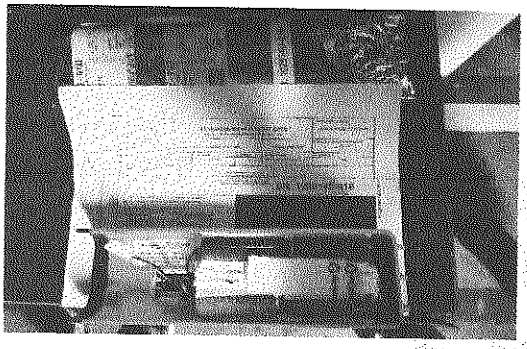	

BALANCE BIENES RECIBIDOS.

ENTREGAS	FECHA	VALOR
PRIMERA ENTREGA	16-ENE-2026	$ 108.000.000,00
TOTAL, BIENES RECIBIDOS		$ 108.000.000,00
TOTAL, BIENES PENDIENTES POR RECIBIR		$ 31.800.000,00
TOTAL, VALOR CONTRATO		**$ 108.000.000,00**

CONSTANCIAS

El supervisor hace constar que los bienes contratados han sido entregados de manera parcial por el contratista, de acuerdo con las especificaciones técnicas de obligatorio cumplimiento y las adicionales de obligatorio cumplimiento.

ANEXOS

Documentación Técnica entregada por el contratista.

- PACKING LIST
- PROFORMA INVOICE
- PART OR MATERIAL CERTIFICATION FORM

ACTA No. 2026812000512836 RECIBO A SATISFACCION PARCIAL DE LA ACEPTACIÓN DE OFERTA 274-CENACAVIACIÓN-2025 CUYO OBJETO ES "ADQUISICIÓN DE BATERÍAS PARA LOS HELICÓPTEROS MI17 DE LA AVIACIÓN DE EJÉRCITO NACIONAL DE COLOMBIA", CELEBRADO ENTRE MDN-EJERCITO NACIONAL - CENAC DE AVIACIÓN Y LA EMPRESA CIMA S.A.S.

- SHIPMENT DELIVERY
- FAA FORM 8130-3 (02-14)
- SAFETY DATA SHEET
- REGISTRO FOTOGRAFICO
- DECLARACIÓN DE IMPORTACIÓN NO 032026000018981-1

EN CONSTANCIA, FIRMAN QUIENES INTERVINIERON

Señora CLAUDIA MILENA GONZALEZ Representante Legal de la empresa CIMA S.A.S.	Capitán LUIS FELIPE RAMIREZ GÓMEZ Almacenista Almacen General BAAAS (E) COMANDANTE COMPAÑÍA CLI

Luis Felipe Ramirez Gómez
Cm 1014259572
Oficial del Ejercicio

Mayor JUAN CAMILO ROMERO ORTIZ
Oficial S-1 BAMAV3
Supervisor Aceptación de oferta No. 274-CENACAVIACIÓN-2025

SOUTHERN CROSS AVIATION, LLC
5250 NW 33rd Ave
FORT LAUDERDALE, FL 33309 - USA
Ph: +1 954-377-0320

Shipped From
5250 NW 33rd Ave
FORT LAUDERDALE, FL 33309 - USA
Ph: +1 954-377-0320

PACKING LIST

Packing List # **I769122**
Customer Code **A-US-AVSPC**
Invoice Date **12/23/2025**
Time **15:04:33 -0500**
Page **1 / 2**

To
AVIATION SUPPORT CENTER CO.
12327 SW 133RD CT

MIAMI , FL, 33186
USA
ATTN: LUISA OVIEDO
Ph: 202 452 6990 Fax:

Ship To
AVIATION SUPPORT CENTER CO.
12327 SW 133RD CT

MIAMI, FL, 33186
USA

Cust PO#	**ASC-PO-1612-25**	Terms	**PREPAID-WIRE**	Ship Via	**CUST PICKUP**	Ship Via Acc	
Order Date	**12/23/2025**	# of Items	**2**	# of Boxes	**0**	Weight	
Prepared By	**jerry.hernandez**	Sales Order	**S593918**	Ship Log#		Ship Order	
Customer#	**A-US-AVSPC**	VAT#		Cust VAT#		Ship Date	**12/23/2025**
Buyer	**LUISA OVIEDO**	FOB		AWB		Shipment	
WO #		Incoterms	**EX-WORKS**	TRK#			

Packing List

Item	Part Number/Description	Shipped	BackOrd	CD	T	UOM
1	**452-0133 BATTERY 406 SERIES LI LM**	3	0		S	EA
	Serial# 1025140-014 Exp Date 01/30/2031			NE		
	Serial# 1025140-015 Exp Date 01/30/2031			NE		
	Serial# 1025140-016 Exp Date 01/30/2031			NE		
	Unit Weight 0.695 kg Total Weight 2.085 kg					
	Manufacturer ACR ELECTRONICS					
	Schedule B#: 8506.50.0000					
	ECCN: EAR99					
	UN/ID Number UN3090					
	Proper Shipping Name LITHIUM METAL BATTERIES					
	Haz Class/Div No. 9					
2	**RG-CIS25 CORP AVIATION VRLA BATTERY**	3	1		S	EA
	Serial# 41469946			NE		
	Serial# 41477592			NE		
	Serial# 41481523			NE		
	Unit Weight 30.000 kg Total Weight 90.000 kg					
	Manufacturer CONCORDE					
	Schedule B#: 8507.20.0090					
	ECCN: 9A991(d)					

- ALL PRICES AND DELIVERY TIMES QUOTED ARE SUBJECT TO CHANGE AT ANY TIME DUE TO SUPPLIERS OR MANUFACTURER'S CHANGES.
- Parts are quoted Ex-Works Mfr or Supplier
- New Surplus Parts may or may not have 8130 Forms.
- Please check if Alternate Parts quoted are adequate for your application - SCA does not guarantee the applicability.
- Parts may be returned after obtaining WRITTEN AUTHORIZATION from SCA in the form of an RMA and are subject to a 20% Re-stocking Charge.
- Exchange Sales require return of core within 25 days of original sale.
- Return cores must be same P/N and manufacturer as quoted and must be delivered to SCA free and clear of freight charges and custom's fees.
- Exchange prices are based on a standard overhaul cost. Above and beyond charges will be billed separately.
- Warranty terms are provided by the manufacturer and/or repair facility. SCA makes no warranties on its own behalf.
- Non stock items are NCNR and may require prepaid deposit subject to credit approval.

PLEASE REVIEW SCA's FULL CUSTOMER TERMS AND CONDITIONS BY VISTING SCROSSAV.COM.

Boxes

SCA Warehouse Manager
Raphael Souza

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SOUTHERN CROSS AVIATION, LLC
5250 NW 33rd Ave
FORT LAUDERDALE, FL 33309 - USA
Ph: +1 954-377-0320

Shipped From
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Page **2 / 2**

To
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MIAMI , FL, 33186
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ATTN: LUISA OVIEDO
Ph: 202 452 6990 Fax:

Ship To
AVIATION SUPPORT CENTER CO.
12327 SW 133RD CT

MIAMI, FL, 33186
USA

Cust PO#	**ASC-PO-1612-25**	Terms	**PREPAID-WIRE**	Ship Via	**CUST PICKUP**	Ship Via Acc	
Order Date	**12/23/2025**	# of Items	**2**	# of Boxes	**0**	Weight	
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Buyer	**LUISA OVIEDO**	FOB		AWB		Shipment	
WO #		Incoterms	**EX-WORKS**	TRK#			

Packing List

Certificate of Conformity
NE, OH, RB, SV products/services listed on this invoice/ packing slip were obtained from authorized/approved sources with documentation traceable to approved technical data. OH, SV, RB were performed by an authorized / approved repair station using approved technical data and returned to service utilizing an Airworthiness Release Tag.
AR, BER, NS may not have traceability as noted above.
Purchaser is responsible for determining suitability of any part purchased from Southern Cross for installation on an aircraft.
++
Waiver of Liability and Indemnification Agreement
In as much as Southern Cross has no opportunity to supervise the installation or maintenance of parts supplied by it, nor any opportunity to participate
HAZARDOUS MATERIAL
49CFR - PART 171.2(e) No person may offer oraccept a hazardous material for transportation incommerce unless the hazardous material is properlyclassed, described, packaged, marked, labeled, and incondition for shipment as required or authorized byapplicable requirements of this subchapter or anexemption or special permit, approval, or registrationissued under this subchapter or subchapter A of this chap

ChemTel - Contract Number MIS0007790
Phone Number 1-8000-255-3924 - USA, Canada, Puerto Rico and the US Virgin Islands.
Phone Number +01-813-248-0585

SCA WAREHOUSE MANAGER

Boxes

SCA Warehouse Manager
Raphael Souza

These commodities, technology, technical data or software are subject to United States laws and regulations governing exports. Export or re-export, without a license of these items, technology, or data may be prohibited under U.S. law. Export, re-export and diversion to denied persons, prohibited end users or destinations, or for prohibited uses is contrary to U.S. law and is in violation of the terms and conditions of sale.

SOUTHERN CROSS AVIATION, LLC
5250 NW 33rd Ave
Fort Lauderdale, FL 33309
U.S.A.
Ph: 954-377-0320, Fax: 954-377-0300

PROFORMA INVOICE

Proforma Invoice # **S593918**
Invoice Date **12/17/2025**
Time **15:15:52 -0500**
Page **1 / 1**

To
AVIATION SUPPORT CENTER CO.
12327 SW 133RD CT

MIAMI , FL, 33186
USA
ATTN:
Ph: 202 452 6990 Fax:

Ship To
AVIATION SUPPORT CENTER CO.
12327 SW 133RD CT

MIAMI, FL, 33186
USA

Cust PO#	**ASC-PO-1612-25**	Terms	**PREPAID-WIRE**	Ship Via	**TBA**	Ship Via Acc	
Order Date	**12/17/2025**	# of Items		# of Boxes		Weight	
Prepared By		Sales Order	**S593918**	Ship Log#		Ship Order	
Customer#	**A-US-AVSPC**	VAT#		Cust VAT#		Ship Date	
Buyer		FOB		AWB		Shipment	
WO #		Incoterms	**EX-WORKS**				

Proforma Invoice

Item	Part Number/Description	Ordered		CD	T	UOM	Unit Price	Total amount
1	**452-0133 BATTERY 406 SERIES LI LM** Schedule B#: 8506.50.0000 ECCN: EAR99	3		NE	S	EA		
2	**RG-CIS25 CORP AVIATION VRLA BATTERY** Schedule B#: 8507.20.0090 ECCN: 9A991(d)	3		NE	S	EA		
3	**SALES TAX-XE SALES TAX -ESTIMATED** ECCN: 9A991(d)	0		NE	X	EA		

Please note all funds transmitted to Southern Cross Aviation must be originated from an account bearing the name of the purchaser. Please also be aware that funds originated from any other named account may be subject to refusal and returned to originator.
To better understand this statement, you may read the USA Patriot Act which can be accessed at Thomas Legislative Information (Thomas.loc.gov)

If you have any questions please do not hesitate to call me.
Thank you for the order.

Sub Total	
Misc Charge	
Freight	
Tax Total	
Total	
Payment Amt	
Payment Type	
Payment Owed	
Payable in US Dollars	

Authorized Signature:

1.Original

PART OR MATERIAL CERTIFICATION FORM

ATA SPECIFICATION 106

2.Seller's Name

Southern Cross Aviation, LLC

3. Reference #

S593918

4. Organization

Southern Cross Aviation

5250 NW 33rd Ave
Fort Lauderdale, FL 33309
USA
Ph: 954-377-0320, Fax: 954-377-0300

5A. Seller's Contract #

I769122

5B. Buyer's Contract #

6. Item	7. Description	8. Manufacturer & Part Number	9. App Code	10. Qty	11. Serial/Batch	12. Status
1	BATTERY 406 SERIES LI LM	452-0133 ACR ELECTRONICS Control# 715187-8	-	1	1025140-015	NE
1	BATTERY 406 SERIES LI LM	452-0133 ACR ELECTRONICS Control# 715187-9	-	1	1025140-016	NE
1	BATTERY 406 SERIES LI LM	452-0133 ACR ELECTRONICS Control# 715187-7	-	1	1025140-014	NE
2	CORP AVIATION VRLA BATTERY	RG-CIS25 CONCORDE Control# 708446-2	-	1	41477592	NE
2	CORP AVIATION VRLA BATTERY	RG-CIS25 CONCORDE Control# 714642-1	-	1	41481523	NE
2	CORP AVIATION VRLA BATTERY	RG-CIS25 CONCORDE Control# 714642-2	-	1	41469946	NE

13A. Remarks

Based on documentation provided to Southern Cross Aviation, the part (s) have / have not previously been installed in a public aircraft such as government use aircraft or a military aircraft and has/have not been subjected to coditions of extreme stress, heat or extreme environment (as in major aircraft or engine accident, incident, or fire).

13B. Obtained From

Various - List on file.

13C. Last Certificated Agency

14. New Parts/Material Verification

THE FOLLOWING SIGNATURE ATTESTS THAT THE PART(S) OR MATERIAL(S) IDENTIFIED ABOVE WAS (WERE) MANUFACTURED BY A FAA PRODUCTION APPROVAL HOLDER (PAH), OR TO AN INDUSTRY COMMERCIAL STANDARD.

18. Used, Repaired or Overhaul Parts Verification

THE FOLLOWING SIGNATURE ATTESTS THAT THE DOCUMENTATION SPECIFIED ABOVE OR ATTACHED IS ACCURATE WITH REGARD TO THE ITEM(S) DESCRIBED.

15. Signature

19. Signature

16. Name

Raphael Souza

17. Date

12/23/2025

20. Name

Raphael Souza

21. Date

12/23/2025

NOTICE: The above signature binds the seller and the SIGNER to the accuracy of the information provided in the FORM. Should the information provided in this Form contain inaccuracies or misrepresentations, the signer and SELLER may be liable for damages and be subject to criminal prosecution under state and federal law.

ACR Electronics Inc.
5757 Ravenswood Road
Ft. Lauderdale FL 33312

Shipment Delivery **ORIGINAL**

Delivery Note Date:	Delivery Note:	Shipment ID:
10/03/2025	100571	43400

Receiver ID:	Source Ref Type:	CustomerPO:
11143	Customer Order	P521115

Sold To:
SOUTHERN CROSS
5250 NW 33RD AVE
FT LAUDERDALE, FL 33309

Ship To:
SOUTHERN CROSS
5250 NW 33RD AVE
FT LAUDERDALE, FL 33309

Ship Via:
Customer Pick Up

Terms of Delivery:
Ex Works

Delivery Location:
CUSTOMER

Forward Agent:

Actual Ship Date:

Pro/Tracking No:

Order No / CustomerPO	ECCN	Line No	Part No / Description	Ordered	Delivered	Remaining	Final delivery
C89308 / P521115	7A994	1	452-0228 / ARTEX MOUNT CAP ASSY YELLOW	1	1	0	
Country of Origin:							
Serial No: 1012210-006							
DATE OF MANUFACTURE: 07/24/24							
C89308 / P521115	7B994	2	110-324 / ARTEX ANTENNA WHIP W/INDU	1	1	0	
Country of Origin: US							
Serial No: 1023412-006							
DATE OF MANUFACTURE: 07/24/25							
C89308 / P521115	EAR99	3	151-2012 / ARTEX PLUG ELT TEST ASSEMBLY	1	1	0	
Country of Origin:							
DATE OF MANUFACTURE: 12/14/23							

MANUFACTURE CERTIFICATION OF COMFORMANCE:
We hereby certified that the Product(s) identified in this shipment have successfully passed the verification test criteria specified for the Product under Contract/Purchase Order or design specification. Supporting documentation is maintained at ACR Electronics, Inc. to substantiate the Product complies with our material and process specifications and US Government specifications (if applicable). All quality inspection, in-process and final acceptance testing has been performed for all items identified on this Certificate of Compliance.

Mark L. Kindell, Quality Director

ACR Electronics, Inc. Quality System is AS9100D / ISO9001:2008 Certified

ACR Electronics Inc.
5757 Ravenswood Road
Ft. Lauderdale FL 33312

Shipment Delivery ORIGINAL

Delivery Note Date:	Delivery Note:	Shipment ID:
2025-10-03T08:30:49	100571	43400

Receiver ID:	Source Ref Type:	CustomerPO:
11143	Customer Order	P521115

Order No / CustomerPO	ECCN	Line No	Part No / Description	Ordered	Delivered	Remaining	Final delivery
C89308	7B994	4	455-6196 /	8	8	0	
P521115			ARTEX SWITCH NAV REMOTE PAC				

8130-3 FORM TRACKING NUMBER:20251008_AM_021_C89308_43400

Country of Origin:

Serial No:

1022700-002, 1022700-009, 1022700-019, 1022700-020, 1022700-025, 1022700-037, 1022700-040, 1022700-059

DATE OF MANUFACTURE: 07/07/2025

C89308	EAR99	5	452-0133 /	10	10	0	
P521115			ARTEX BATTERY 406 SERIES LI LM				

Country of Origin: US

Serial No:

1025140-011, 1025140-012, 1025140-013, 1025140-014, 1025140-015, 1025140-016, 1025140-017, 1025140-018, 1025140-019, 1025140-020

DATE OF MANUFACTURE:SEP/2025
BATTERY EXPIRATION DATE: JAN/2031

C89308	EAR99	6	8302 /	2	2	0	
P521115			ARTEX ELT 1000 BATT REPL'MT				

Country of Origin: US

Serial No:

1025368-020, 1025368-028

DATE OF MANUFACTURE:09/25/2025
BATTEY EXPIRATION DATE: FEB/2032

C89308	EAR99	7	8322 /	10	10	0	
P521115			ARTEX ELT 345 REPL'MT BATT				

Country of Origin:

Serial No:

1024673-026, 1024673-027, 1024673-028, 1024673-029, 1024673-030, 1024673-031, 1024673-032, 1024673-033, 1024673-034, 1024673-035

DATE OF MANUFACTURE: 09/05/2025
BATTERY EXPIRATION DATE: NOV/2032

Total net weight :	0	lb
Total gross weight :	0	lb
Total volume :	0	ft3
No of handling units:		
AWB #		

MANUFACTURE CERTIFICATION OF COMFORMANCE:
We hereby certified that the Product(s) identified in this shipment have successfully passed the verification test criteria specified for the Product under Contract/Purchase Order or design specification. Supporting documentation is maintained at ACR Electronics, Inc. to substantiate the Product complies with our material and process specifications and US Government specifications (if applicable). All quality inspection, in-process and final acceptance testing has been performed for all items identified on this Certificate of Compliance.

Mark L. Kindell, Quality Director

ACR Electronics, Inc. Quality System is AS9100D / ISO9001:2008 Certified

Southern Cross Aviation www.scross.com 1769122 ASC-PO-1612-25 P/N 452-0133 Item 1 Qty 1 Ctrl# 715187 Ctrld 7

1. Approving Civil Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	20251008_AM_022_C89308_43400

4. Organization Name and Address:	5. Work Order/Contract/Invoice Number
ACR Electronics, Inc., 5757 Ravenswood Road, Fort Lauderdale, FL 33312-6603 PT1113CE / PQ1113CE	P621115

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	ARTEX BATTERY 400 SERIES LI LM	452-0133	10	1025140-011 THRU 1025140-020	NEW

12. Remarks:

AIRWORTHINESS APPROVAL
Item 1 is a Sub-Component of TSO C126/C142 Article.
DATE OF MANUFACTURE:SEP/2025
BATTERY EXPIRATION DATE: JAN/2031
PRE-APPROVED: 579511278-2025-0007

SN: 1025140-014

13a. Certifies the items identified above were manufactured in conformity to:

- [x] Approved design data and are in a condition for safe operation.
- [ ] Non-approved design data specified in Block 12.

13b. Authorized Signature:	13c. Approval/Authorization No.:
Alba Munguia	579511278
13d. Name (Typed or Printed):	**13e. Date (dd/mmm/yyyy):**
Alba J. Munguia	08-Oct-2025

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (02-14)

NSN 0052-00-012-9005

***** CERTIFIED TRUE COPY *****

1. Approving Civil Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	20251008_AM_022_C89308_43400

4. Organization Name and Address:		5. Work Order/Contract/Invoice Number:
ACR Electronics, Inc., 5757 Ravenswood Road, Fort Lauderdale, FL 33312-6603	PT1113CE / PQ1113CE	P521115

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	ARTEX BATTERY 406 SERIES LI LM	452-0133	10	1025140-011 THRU 1025140-020	NEW

12. Remarks:

AIRWORTHINESS APPROVAL
Item 1 is a Sub-Component of TSO C126/C142 Article.
DATE OF MANUFACTURE:SEP/2025
BATTERY EXPIRATION DATE: JAN/2031
PRE-APPROVED: 579511278-2025-0007

SN: 1025140-015

13a. Certifies the items identified above were manufactured in conformity to:

- [x] Approved design data and are in a condition for safe operation.
- [ ] Non-approved design data specified in Block 12.

13b. Authorized Signature:	13c. Approval/Authorization No.:
	579511278
13d. Name (Typed or Printed):	**13e. Date (dd/mmm/yyyy):**
Alba J. Mungula	08-Oct-2025

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

Southern Cross Aviation www.scross.com I769122 ASC-PO-1612-25 P/N 452-0133 Item 1 Qty 1 Ctrl# 715187 Ctrl# 8

1. Approving Civil Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	20251008_AM_022_C89308_43400

4. Organization Name and Address:		5. Work Order/Contract/Invoice Number:
ACR Electronics, Inc., 5757 Ravenswood Road, Fort Lauderdale, FL 33312-6603	PT1113CE / PQ1113CE	P521115

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	ARTEX BATTERY 406 SERIES LI LM	452-0133	10	1025140-011 THRU 1025140-020	NEW

12. Remarks:

AIRWORTHINESS APPROVAL
Item 1 is a Sub-Component of TSO C126/C 142 Article.
DATE OF MANUFACTURE:SEP/2025
BATTERY EXPIRATION DATE: JAN/2031
PRE-APPROVED: 579511278-2025-0007

SN: 1025140-016

13a. Certifies the items identified above were manufactured in conformity to:

- [x] Approved design data and are in a condition for safe operation.
- [ ] Non-approved design data specified in Block 12.

13b. Authorized Signature:	13c. Approval/Authorization No.:
[illegible]	579511278
13d. Name (Typed or Printed):	**13e. Date (dd/mmm/yyyy):**
Alba J. Munguia	08-Oct-2025

[redacted]

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

Southern Cross Aviation www.scross.com I769122 ASC-PO-1612-25 P/N 452-0133 Item 1 Qty 1 Ctrl# 715187 Ctrld 9

****** CERTIFIED TRUE COPY ******

Southern Cross Aviation www.scross.com I769122 ASC-PO-1612-25 P/N RG-CIS25 Item 2 Qty 1 Ctrl# 714642 Crtid 1

1. Approving Civil Aviation Authority/Country:	2	3. Form Tracking Number:
FAA / UNITED STATES	**AUTHORIZED RELEASE CERTIFICATE** FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	33406-25

4. Organization Name and Address:		5. Work Order/Contract/Invoice Number:
Concorde Battery Corporation 2009 San Bernardino Rd. West Covina, CA 91790	PAH No.: PQ1174NM & PT1174NM	67337-01

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Battery	RG-CIS25	2	41469946,41481523	New

12. Remarks:

This PMA & TSO part is not a critical component. (Cross check eligibility at www.concordebattery.com)
TSO-C173a

13a. Certifies the items identified above were manufactured in conformity to:

- [x] Approved design data and are in a condition for safe operation.
- [ ] Non-approved design data specified in Block 12.

14a. [ ] 14 CFR 43.9 Return to Service [ ] Other regulation specified in Block 12

Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.:
	844651376		
13d. Name (Typed or Printed):	**13e. Date (dd/mmm/yyyy):**	**14d. Name (Typed or Printed):**	**14e. Date (dd/mmm/yyyy):**
Ryan Hollett	01 OCT 2025		

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

***** CERTIFIED TRUE COPY *****

...the heart of your system®

CONCORDE

Concorde Battery Corporation
2009 San Bernardino Road
West Covina, CA 91790 USA
Phone 626-813-1234 | FAX 626-813-1235
www.concordebattery.com

CERTIFICATE OF CONFORMANCE

Approval per FAA PMA and TSO-C173a

This certifies the Material supplied to:

Agency / Company	SOUTHERN CROSS AVIATION	
Address	5250 NW 33RD AVENUE	
City, State, Zip Code	FT. LAUDERDALE	FL 33309

Against contract / Purchase Order Number - P512221

Meets the following requirements:

The parts were manufactured by Concorde Battery Corporation, 2009 San Bernardino Road, West Covina, CA, 91790, under a Quality Program Certified to AS9100 and ISO9001.

1. I certify that the material supplied on this invoice / packing slip has been inspected and accepted as conforming to current specifications and standards as called out in the purchase documents. Test and inspection records and procedures or evidence thereof are on file and are available for examination upon request.

2. This battery or part is FAA APPROVED for installation in Type Certified aircraft in accordance with 14CFR21.303. That approval is based on installation in specific aircraft models only. A list of the currently approved installations may be found on the Concorde web site at http://www.concordebattery.com/otherpdf/finalfaapma.pdf. For installation of the product in any aircraft for which PMA approval has not been granted by the FAA, a field approval, one time STC or multiple use STC is required. See http://www.concordebattery.com/otherpdf/TB5.pdf for instructions on obtaining a field approval.

3. This article has received U.S. Federal Aviation Administration approval under Technical Standard Order C173a and meets the requirements of Title 14 Code of Federal Regulations Part 21 Subpart O.

4. The conditions and tests for the TSO approval of this battery are minimum performance standards. It is the responsibility of those installing this article on or within a specific type or class aircraft to determine that the aircraft installation conditions are within the TSO Standards. TSO articles must have separate approval for installation in an aircraft. The article may be installed only if performed under 14 CFR Part 43 or the applicable airworthiness requirements.

5. The sale of this article does not constitute a representation that FAA or other governmental approval will be granted for the use of this battery in domestic or foreign civil aircraft.

Part No	Qty	Serial Number(s)
RG-CIS25	2	41469946,41481523

Date of Manufacture: 01 October 2025

Date - 10/01/25

Packing slip / Invoice Number - 57337-01

By: [signature]

Title: DMTR

Printed Name: Ryan Hollett

Made in the USA

Southern Cross Aviation www.scross.com I769122 ASC-PO-1612-25 P/N RG-CIS25 Item 2 Qty 1 Ctrl# 708446 Ctrld 2

1. Approving Civil Aviation Authority/Country: FAA / UNITED STATES	2. **AUTHORIZED RELEASE CERTIFICATE** FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 33072-25
4. Organization Name and Address: Concorde Battery Corporation, 2009 San Bernardino Rd., West Covina, CA 91790	PAH No.: PQ1174NM & PT1174NM	5. Work Order/Contract/Invoice Number: 57335-01

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Battery	RG-CIS25	2	41477589, 41477592	New

12. Remarks:

This PMA & TSO part is not a critical component. (Cross check eligibility at www.concordebattery.com)
TSO-C173a

13a. Certifies the items identified above were manufactured in conformity to:

- [x] Approved design data and are in a condition for safe operation.
- [ ] Non-approved design data specified in Block 12.

14a. [ ] 14 CFR 43.9 Return to Service [ ] Other regulation specified in Block 12

Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.:
T - Hollett	760281446		
13d. Name (Typed or Printed):	**13e. Date (dd/mmm/yyyy):**	**14d. Name (Typed or Printed):**	**14e. Date (dd/mmm/yyyy):**
Taylor Hollett	13 AUG 2025		

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

***** CERTIFIED TRUE COPY *****

...the heart of your system

CONCORDE

Concorde Battery Corporation
2009 San Bernardino Road
West Covina, CA 91790 USA
Phone 626-813-1234 | FAX 626-813-1235
www.concordebattery.com

CERTIFICATE OF CONFORMANCE

Approval per FAA PMA and TSO-C173a

This certifies the Material supplied to:

Agency / Company	SOUTHERN CROSS AVIATION	
Address	5250 NW 33RD AVENUE	
City, State, Zip Code	FT. LAUDERDALE	FL 33309

Against contract / Purchase Order Number - P512215

Meets the following requirements:

The parts were manufactured by Concorde Battery Corporation, 2009 San Bernardino Road, West Covina, CA, 91790, under a Quality Program Certified to AS9100 and ISO9001.

1. I certify that the material supplied on this invoice / packing slip has been inspected and accepted as conforming to current specifications and standards as called out in the purchase documents. Test and inspection records and procedures or evidence thereof are on file and are available for examination upon request.

2. This battery or part is FAA APPROVED for installation in Type Certified aircraft in accordance with 14CFR21.303. That approval is based on installation in specific aircraft models only. A list of the currently approved installations may be found on the Concorde web site at http://www.concordebattery.com/otherpdf/finalfaapma.pdf. For installation of the product in any aircraft for which PMA approval has not been granted by the FAA, a field approval, one time STC or multiple use STC is required. See http://www.concordebattery.com/otherpdf/TB5.pdf for instructions on obtaining a field approval.

3. This article has received U.S. Federal Aviation Administration approval under Technical Standard Order C173a and meets the requirements of Title 14 Code of Federal Regulations Part 21 Subpart O.

4. The conditions and tests for the TSO approval of this battery are minimum performance standards. It is the responsibility of those installing this article on or within a specific type or class aircraft to determine that the aircraft installation conditions are within the TSO Standards. TSO articles must have separate approval for installation in an aircraft. The article may be installed only if performed under 14 CFR Part 43 or the applicable airworthiness requirements.

5. The sale of this article does not constitute a representation that FAA or other governmental approval will be granted for the use of this battery in domestic or foreign civil aircraft.

Part No	Qty	Serial Number(s)
RG-CIS25	2	41477589, 41477592

Date of Manufacture: 13 August 2025

Date - 8/13/25 Packing slip / Invoice Number - 57335-01

By: T - Hallett Title: Q.C.

Printed Name: Taylor Hallett ****** CERTIFIED TRUE COPY ******

Safety Data Sheet
According to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and GHS

Revision: 16.07.2018

1 Identification of the substance/mixture and of the company/undertaking

· **Product Identifier**
· **Trade name: Battery Pack P/N 452-0133 & 452-0222**
· **Article number: 452-0133 & 452-0222**
· **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
· **Application of the substance / the preparation** Lithium Metal based battery product
· **1.3 Details of the supplier of the Safety Data Sheet**
· **Manufacturer/Supplier:**
ACR Electronics, Inc.
5757 Ravenswood Rd., Ft. Lauderdale, FL. 33312 USA
PHONE: (954)-981-3333
FAX: (954)-961-4403
WEBSITE: www.acrartex.com
E-MAIL: msds@acrartex.com

· **1.4 Emergency telephone number:**
ChemTel Inc.
(800)255-3924, +1 (813)248-0585

2 Hazards identification

· **2.1 Classification of the substance or mixture**
· **Classification according to Regulation (EC) No 1272/2008**

GHS08 health hazard
Repr. 1B H360FD may damage fertility. May damage the unborn child.

GHS05 corrosion
Eye Dam. 1 H318 Causes serious eye damage

GHS07
Acute Tox. 4 H302 Harmful if swallowed.
Acute Tox. 4 H332 Harmful if inhaled.
Skin Irrit. 2 H315 Causes skin irritation.

· **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**

C; Corrosive
R35: Causes severe burns

Xn; Harmful
R20: Harmful by inhalation.

· **Hazard description:** Information references exposures to battery contents, and not exposures to whole units. Exposures to whole units are unlikely to product health hazards. Note: The hazards listed in this document reference only the contents of cells and/or batteries that are leaking and/or ruptured. Undamaged cells and/or batteries possess no expected health or physical hazards during normal use. Intentional abuse of cells or batteries increases the risk of harm or damage to the product, to the user, and to surrounding materials and personnel. Do not attempt to open sealed cells or batteries. Do not intentionally short-circuit cells or batteries. Do not expose these products to temperatures exceeding the maximum manufacturers rating. Do not dispose of cells/batteries in landfills. Please follow all manufacturer guidelines in the use, storage, and disposal of these products. Consult manufacturer in cases of questions involving specific product usage. Do not short circuit, recharge, puncture, incinerate, crush, force discharge or expose to temperatures above the specified range. Upon severe mechanical, electrical or thermal abuse, the cell may vent with the expulsion of some of the content.

· **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

· **Classification system:**

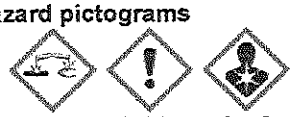
The classification is according to the latest editions of the EU-lists, and extended by company and literature data. The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the company.

· **2.2 Label elements**

· **Labeling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

· **Hazard pictograms**



GHS05 GHS07 GHS08

· **Signal word:** Danger

· **Hazard-determining components of labeling:**

Manganese dioxide 1,2- dimethoxyethane lithium

· **Hazard statements:**

H302+H332	Harmful if swallowed or if inhaled.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H360FD	May damage fertility. May damage the unborn child.
EUH014	Reacts violently with water.

Safety data sheet available on request.
To avoid risks to human health and the environment, comply with the instructions for use.
38 percent of the mixture consists of component(s) of unknown toxicity

· **Precautionary statements:**

P281	Use personal protective equipment as required.
P261	Avoid breathing dust.

P303 +P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.

· **Additional information:**

Information references exposures to battery contents, and not exposures to whole units. Exposures to whole units are unlikely to product health hazards.

· **Hazard description:**

· **WHMIS-symbols:**

D1B - Toxic material causing immediate and serious toxic effects

D2B - Toxic material causing other toxic effects

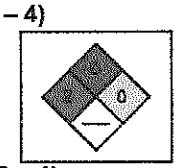
E - Corrosive material

· **NFPA ratings (scale 0 – 4)**

Health = 2

Fire = 0

Reactivity = 0



· **HMIS—ratings (scale 0 – 4)**

Health - *2

Fire = 0

Reactivity = 0

HEALTH	*2
FIRE	0
REACTIVITY	0

· **HMIS Long Term Health Hazard Substances**

110-71-4	1,2 - dimethoxyethane

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

3 Composition/information on ingredients

· **3.1 Mixtures**

· **Description:** Mixture of substances listed below with nonhazardous additions

· **Dangerous Components:**		
CAS: 1313-13-9 EINECS: 215-202-6 Index number: 025-001-00-3	manganese dioxide Xn R20/22 Acute Tox. 4, H302; Acute Tox. 4, H332	25-50%
CAS: 108-32-7 EINECS: 203-572-1 Index number: 607-194-00-1	propylene carbonate Xi R36 Eye Irrit. 2, H319	<10%
CAS: 110-71-4 EINECS: 203-794-9 Index number: 603-031-00-3	1,2-dimethoxyethane T Repr. Cat. 2 R60-61; Xn R20; F R11 R19 Flam. Liq. 2, H225 Repr.n 1B, H360FD Acute Tox. 4, H332	<10%
CAS: 109-99-9 EINECS: 203-726-8 Index number: 603-025-00-0	Tetrahydrofuran Xi R36/37; F R11 R19 Flam. Liq. 2, H225 Eye Irrt. 2, H319; STOT SE 3, H335	<10%
CAS: 7439-93-2 EINECS: 231-102-5 Index number: 003-001-00-4	Lithium C R34; F R14/15 Water-react. 1, H260 Skin corr. 1B, H314	<10%
CAS: 1333-86-4 EINECS: 215-609-9	Carbon black Substance with a community workplace exposure limit.	<10%
CAS: 7791-03-9 EINECS: 232-237-2	lithium perchlorate Xn R22; Xi R36/37/38; O R9 Ox. Sol. 1, H271 Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	<10%

· **Additional information:** For the wording of the listed risk phrases refer to section 16.

4 First aid measures

· **4.1 Description of first aid measures**

· **General information:**

The hazards listed below reference only the contents of cells and/or batteries that are leaking and/or ruptured, with the exception of ingestions. In the unlikely case where intact cells/batteries are ingested and then release contents, the treatment is the same as for ingestions of device contents. Seek immediate medical advice.

· **After inhalation:**

Unlikely route of exposure.
Supply fresh air.
Seek immediate medical advice.
In case of unconsciousness, place patient stably in side position for transportation

· **After kin contact:**

Immediately rinse with water.
Do not pull solidified product off the skin.
Seek immediate medical advice.

· **After eye contact:**

Unlikely route of exposure.
Protect unharmed eye.
Rinse opened eye for several minutes under running water.
Remove contact lenses if worn, if possible.
Rinse opened eye for several minutes under running water. Then consult a doctor.

· **After swallowing:**

Rinse out mouth and then drink plenty of water.
Do not induce vomiting; call for medical help immediately.

· **4.2 Most important symptoms and effects, both acute and delayed**

Gastric or intestinal disorders
Breathing difficulty
Coughing
Nausea
Profuse sweating

· **Hazards:**

Danger of gastric perforation.
Danger of pulmonary oedema.

· **4.3 indication of any immediate medical attention and special treatment needed**

Note to Physician: Published reports recommend removal from the esophagus be done endoscopically (under direct visualization). Batteries beyond the esophagus need not be retrieved unless there are signs of injury to the GI tract or a large diameter battery fails to pass the pylorus. If asymptomatic, follow-up x-rays are necessary only to confirm the passage of larger batteries. Confirmation by stool inspection is preferable under most circumstances. For information on treatment, telephone (202) 625-3333 collect, day or night. Various corrosive, harmful or toxic substances is possible in certain cases. These substances may include lithium and/or fluoride salts; specific antidotes may be required in cases of ingestion for lithium salts and in cases of oral/dermal/inhalation contact with fluorides. If fluoride contact is suspected, calcium salts may be of value in treatment. Do not give ipecac.

5 Firefighting measures

· **5.1 Extinguishing media**

· **Suitable extinguishing agents:**

Water in flooding quantities.
Sand
Dry sand
Limestone powder
Cement

· **For safety reasons unsuitable extinguishing agents:**

Water haze
Carbon dioxide

· **5.2 Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.

· **5.3 Advice for firefighters**

· **Protective equipment:**

Wear self-contained respiratory protective device.
Wear fully protective suit.

· **Additional information:**

Cool endangered receptacles with water spray.

6 Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures:**

Use respiratory protective device against the effects of fumes/dust/aerosol.
Wear protective equipment. Keep unprotected persons away.
Product forms slippery surface when combined with water.
Ensure adequate ventilation.

· **6.2 Environment precautions:**

Do not allow to enter sewers/ surface or ground water.

· **6.3 Methods and material for containment and cleaning up:**

Pick up mechanically.
For small content spills, ventilate area and put on gloves and safety glasses. Large spills require special equipment and training to include the use of a respirator. For large spills involving many batteries, contact authorities. Ventilation recommended for spilled contents. Avoid release to the environment. If a spill is small, attempt to contain the leak by carefully transferring leaking battery to plastic bag. Add sodium bicarbonate (baking soda) powder to bag, seal, then place bag inside a second bag. Seal second bag and label appropriately; DO NOT DISCARD INTO HOUSEHOLD TRASH. Carefully neutralize remainder by applying sodium bicarbonate solution SLOWLY, and then allow to cool. Wipe up, then place in a SEPARATE container from the battery as the water will react with the battery contents.

· **6.4 Reference to other sections**

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

· **7.1 Precautions for safe handling**

Keep away from open flames or temperatures exceeding manufacturer ratings. DO NOT ATTEMPT TO OPEN SEALED CELLS OR BATTERIES – BATTERY CONTENTS MAY PRESENT SERIOUS SAFETY AND HEALTH HAZARDS. SHORT-CIRCUITING THE TERMINALS OF A DEVICE MAY RESULT IN DAMAGE TO DEVICE AND ANY NEARBY OBJECTS OR PERSONNEL.

All ACR/ARTEX batteries and battery packs were tested and meets requirements for shipping per The UN Manual of Tests and Criteria, Part III, Subsection 38.3, UN T1-T8 Tests ST/SG/AC.10/11.

· **Information about fire – and explosion protection:**

Emergency cooling must be available in case of nearby fire.
Keep ignition sources away - Do not smoke.

· **7.2 Conditions for safe storage, including any incompatibilities**

· **Storage:**

· **Requirements to be met by storerooms and receptacles:**

Store in a dry, well-ventilated place. Do not use or store near open flame.
Avoid extreme temperatures; battery may rupture and release contents. Do not store and transport with incompatible materials. Store individual batteries or cells only in approved packaging in order to avoid inadvertent short circuits, as this may result in damage to device, nearby objects, personnel, or all of the above.

· **Information about storage in one common storage facility:**

Store away from water.
Do not store together with acids.
Do not store together with alkalis (caustic solutions).

· **Further information about storage conditions:** None

· **7.3 Specific end use(s):** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7
- **8.1 Control parameters**

· Ingredients with limit values that require monitoring at the workplace:	
1313-13-9 manganese dioxide	
PEL (USA) REL (USA) TLV (USA) EL (Canada)	Short-term value: C 5 mg/m³ as Mn Short-term value: 3 mg/m³ Long-term value: 1 mg/m³ as Mn 0,2 mg/m³ as Mn 0,2 mg/m³ as Mn; R
109-99-9 tetrahydrofuran	
IOELV (EU) PEL (USA) REL (USA) TLV (USA) EL (Canada) EV (Canada)	Short-term value: 300 mg/m³, 100 ppm Long-term value: 150 mg/m³, 50 ppm Skin 590 mg/m³, 200 ppm Short-term value: 735 mg/m³, 250 ppm Long-term value: 590 mg/m³, 200 ppm Short-term value: 295 mg/m³, 100 ppm Long-term value: 147 mg/m³, 50 ppm Skin Short-term value: 100 ppm Long-term value: 50 ppm Skin Short-term value: 100 ppm Long-term value: 50 ppm Skin
110-71-4 1,2-dimethoxyethane	
EV (Canada)	18 mg/m³, 5 ppm Skin
1333-86-4 Carbon black	
PEL (USA) REL (USA) TLV (USA) EL (Canada) EV (Canada)	3,5 mg/m³ 3,5* mg/m³ *0,1 in presence of PAHs, as PAHs; 10-hr TWA 3* mg/m³ *inhalable fraction 3 mg/m³ IARC 2B 3,5 mg/m³

- **DNELs:** No further relevant information available.
- **PNECs:** No further relevant information available.
- **Additional information:** The lists valid during the making were used as basis.

- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**

  Keep away from foodstuffs, beverages and feed.
  Immediately remove all soiled and contaminated clothing
  Wash hands before breaks and at the end of work.
  Avoid contact with the eyes and skin.
- **Respiratory protection:**

  Not required under normal conditions of use.
  For spills, respiratory protection may be advisable.
- **Protection of hands:** Strong material gloves
- **Material of gloves:** Strong material gloves
- **For the permanent contact gloves made of the following materials are suitable:**

  Strong material gloves
- **Eye protection:**

  Safety glasses
- **Body protection:** Not required under normal conditions of use.
- **Limitation and supervision of exposure into the environment:**

  No further relevant information available.
- **Risk management measures:**

  See Section 7 for additional information.
  No further relevant information available.

9 Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**	
· **General Information**	
· **Appearance:**	
▪ Form:	Impermeable container containing liquid and solid contents plus inert carrier materials.
▪ Colour	According to product specification Dark grey
▪ Odour:	Normally odourless. Leaking devices may emit acrid or ethereal odours.
▪ Odour threshold:	Not determined.
· **pH-value:**	Not applicable
· **Change in condition**	
Melting point/Melting range:	Undetermined
Boiling point/Boiling range:	Undetermined
· **Flash point:**	Not applicable
· **Flammability (solid, gaseous):**	Statement refers to device contents only. Contact with water liberates extremely flammable gases.
· **Ignition temperature:**	Not determined
· **Decomposition temperature:**	Not determined
· **Self-igniting:**	Product is not self-ignitng
· **Danger of explosion:**	Product does not represent an explosion hazard during normal use. Leaking contents may react with water to produce explosive or flammable gas.
· **Explosion limits:**	
Lower:	Not determined
Upper:	Not determined
· **Vapour pressure:**	Not applicable
· **Density**	Not determined
· **Relative density**	Not determined
· **Vapour density**	Not determined
· **Evaporation rate**	Not determined
· **Solubility in / Miscibility with water:**	Insoluble
· **Partition coefficient (n-octanol/water):**	Not determined
· **Viscosity:**	
Dynamic:	Not applicable
Kinematic:	Not applicable
· **Solvent content:**	
Organic solvents:	Not determined

· **Solids Content:**	Not determined
· **9.2 Other information:**	No further relevant information available

10 Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
  No decomposition if used and stored according to specifications. To avoid thermal decomposition do not overheat.
- **10.3 Possibility of hazardous reactions:**
  Hazardous reactions generally occur with contents of leaking batteries only. Contact with water releases flammable gases.
  Violent reaction with air and oxidizing agents. Immediate ignition on contact with air.
  Strong exothermic reaction with acids.
  May produce violent reactions with bases and numerous organic substances including alcohols and amines.
- **10.4 Conditions to avoid:**
  Store away from oxidizing agents.
- **10.5 Incompatible materials:**
  Contact with acids liberates toxic gases.
- **10.6 Hazardous decomposition products:**
  Toxic metal compounds
  Poisonous gases/vapours
  Carbon monoxide and carbon dioxide
  Hydrogen chloride (HCl)
  Hydrogen

11 Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **On the skin:** Caustic effect on skin and mucous membranes
- **On the eye:** Strong caustic effect
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:** Information references exposures to battery contents, and not exposures to whole units. Exposures to whole units are unlikely to product health hazards. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us. Corrosive, Irritant, Harmful.

12 Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:**

  The product contains materials that are harmful to the environment.
- **12.2 Persistence and degradability**

  The product is partly biodegradale. Significant residuals remain. A part of the components are biodegradable
- **12.3 Bioaccumulative potential:**

  Does not accumulate in organisms
- **12.4 Mobility in soil:**

  No further relevant information available.
- **Additional ecological information:**
- **General notes:**

  The product contains materials that are harmful to the environment.
  This statement was deduced from products with a similar structure or composition.
  Avoid transfer into the environment.
  Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
  Do not allow product to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects:**

  No further relevant information available.

13 Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**

  Must not be disposed together with household garbage. Do not allow product to reach sewage system. Contact waste processors for recycling information.

- **Uncleaned packaging:**
- **Recommendation:**

  Disposal must be made according to official regulations.

14 Transport information

· **14.1 UN-Number**	
· **DOT, ADR, IMDG, IATA**	UN3090
· **14.2 UN proper shipping name**	
· **DOT, IMDG, IATA**	LITHIUM METAL BATTERIES
· **ADR**	3090 LITHIUM METAL BATTERIES
· **14.3 Transport hazard class(es)**	
· **DOT, IMDG, IATA**	
· **Class:**	9 Miscellaneous dangerous substances and articles.
· **Label:**	9
· **ADR**	
· **Class:**	9 (M4) Miscellaneous dangerous substances and articles.
· **Label:**	9
· **14.4 Packing group**	
· **DOT, ADR, IMDG, IATA**	
· **14.5 Environmental hazards:**	
· **Marine pollutant:**	No
· **4.6 Special precautions for user:**	Warning: Miscellaneous dangerous substance and articles.
· **Danger code (Kemler):**	90
· **EMS Number:**	F-A,S-I
· **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC CODE:**	Not applicable.
· **Transport/Additional information:**	
· **ADR**	
· **Limited quantities (LQ)**	0
· **UN "Model Regulation":**	UN3090, LITHIUM METAL BATTERIES, 9
·	PI968 IA

Li/Batt	Total Wh	Battery weight
13.32g	133.2	25.24oz

15 Regulatory information

· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **United States (USA)**

· **SARA**

· **Section 355 (Extremely hazardous substances):**
None of the ingredients is listed.
· **Section 313 (Specific toxic chemical listings):**
None of the ingredients are listed.

· **TSCA (Toxic Substances Control Act):**
All ingredients are listed.

· **Proposition 65 (California):**

· **Chemicals known to cause cancer:**

References to chemical components listed below are based on unbound respirable particles and are not generally applicable to product as supplied.

1333-86-4	Carbon black
· **Chemicals known to cause reproductive toxicity for females:**	
None of the ingredients is listed	
· **Chemicals known to cause reproductive toxicity for males:**	
None of the ingredients is listed.	
· **Chemicals known to cause developmental toxicity:**	
None of the ingredients is listed.	

· **Carcinogenic Categories**

· **EPA (Environmental Protection Agency)**		
1313-13-9	Manganese dioxide	D
7791-03-9	Lithium perchlorate	NL
· **IARC (International Agency for Research on Cancer)**		
109-99-9	Tetrahydrofuran	A3
1333-86-4	Carbon black	A4
· **TLV (Threshold Limit Value established by ACGIH)**		
None of the ingredients is listed.		
· **NIOSH-Ca (National Institute for Occupational Safety and Health)**		
1333-86-4	Carbon black	
· **OSHA-Ca (Occupational Safety & Health Administration)**		
None of the ingredients is listed.		

· **Canada**

· **Canadian Domestic Substances Lisa (DSL)**	
All ingredients are listed.	
· **Canadian Ingredient Disclosure list (limit 0.1%)**	
None of the ingredients is listed.	
· **Canadian Ingredient Disclosure list (limit 1%)**	
108-32-7	Propylene carbonate
109-99-9	Tetrahydrofuran
1333-86-4	Carbon black

· **15.2 Chemical safety assessment:** A chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

H225	Highly flammable liquid and vapour.
H260	In contact with water releases flammable gases which may ignite spontaneously.
H271	May cause fire or explosion; strong oxidiser.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H360FD	May damage fertility. May damage the unborn child.
R11	Highly flammable.
R14/15	Reacts violently with water, liberating extremely flammable gases.
R19	May form explosive peroxides.
R20	Harmful by inhalation.
R20/22	Harmful by inhalation and if swallowed.
R22	Harmful if swallowed.
R34	Causes burns.
R36	Irritating to eyes.
R36/37	Irritating to eyes and respiratory system.
R36/37/38	Irritating to eyes, respiratory system and skin.
R60	May impair fertility.
R61	May cause harm to the unborn child.
R9	Explosive when mixed with combustible material.

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals ACGIH: American Conference of Governmental Industrial Hygienists
NFPA: National Fire Protection Association (USA) HMIS: Hazardous Materials Identification System (USA)
WHMIS: Workplace Hazardous Materials Information System (Canada) DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)

· **Sources**

SDS Prepared by: ChemTel Inc.
1305 North Florida Avenue,
Tampa, Florida USA 33602-2902
Toll Free North America 1-888-255-3924
Intl. +01 813-248-0573
Website: www.chemtelinc.com

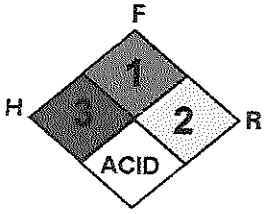
...the heart of your system®

CONCORDE®

CONCORDE BATTERY
VALVE REGULATED
LEAD ACID BATTERY

SAFETY DATA SHEET

Hazard Rating



SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

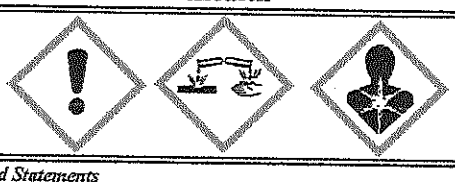
Product Name: Valve Regulated Sealed Dry Lead Battery	PRODUCT USE: Electric Storage Battery
MANUFACTURER'S NAME: CONCORDE BATTERY CORPORATION	EMERGENCY CONTACT.: CHEMTEL (800) 255-3924 Contract #:MIS0001716
ADDRESS:2009 San Bernardino Rd., West Covina, CA 91790	OTHER INFORMATION CALLS: (626) 813-1234
COMMON NAME: (Used on label) Valve Regulated Sealed Non-Spillable Lead-Acid Battery (Trade Name & Synonyms) VRB, VRLA, SLAB, Recombinant Lead Acid: RG, D8565 Series	Revised Date: 01/24/2023

SECTION 2 - HAZARD IDENTIFICATION

GHS Classification:

Health		Environmental		Physical
Acute Toxicity (Oral/Dermal/Inhalation)	Category 4	Aquatic	Chronic 1	Explosive Chemical, Division 1.3
Skin corrosion/Irritation	Category 1A	Aquatic	Acute I	
Eye Damage	Category 1			
Reproductive	Category 1A			
Carcinogenicity (lead)	Category 1B			
Carcinogenicity (acid mist)	Category 1A			
Specific Target Organ Toxicity (repeated exp.)	Category 2			

GHS Label:

Health	Environmental	Physical
		

Hazard Statements

DANGER!
Harmful if swallowed, inhaled, or in contact with skin.
Acid causes severe skin burns and eye damage.
May damage fertility or the unborn child if ingested or inhaled.
May cause harm to breast-fed children.
May cause cancer if ingested or inhaled.
Causes skin irritation, serious eye damage.
Contact with internal components may cause irritation or severe burns.
Causes damage to central nervous system, blood and kidneys through prolonged or repeated exposure if ingested or inhaled.
Irritating to eyes, respiratory system, and skin.
May form explosive air/gas mixture during charging.
Explosive, fire, blast or projection hazard

Precautionary Statements

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Wash thoroughly after handling.
Do not eat drink or smoke when using this product.
Avoid contact during pregnancy/while nursing.
Wear protective gloves/protective clothing, eye protection/face protection.
Use only outdoors or in a well-ventilated area.
Avoid contact with internal acid.
Do not breathe dust/fume/gas/mist/vapors/spray.
Keep away from heat/sparks/open flames/hot surfaces. No smoking
IF SWALLOWED OR CONSUMED: rinse mouth.
Do NOT induce vomiting. Call a poison center/doctor if you feel unwell.
IF ON CLOTHING OR SKIN (or hair): Remove/Take off immediately all contaminated clothing and wash it before reuse. Rinse skin with water/shower.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
If exposed/concerned, or if you feel unwell seek medical attention/advice.
Store locked up, in a well-ventilated area, in accordance with local and national regulation.
Dispose of contents/container in accordance with local and national regulation
Keep out of reach of children.

⚠**WARNING:** Battery posts, terminals and related accessories can expose you to chemicals including lead and lead compounds, which are known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling. For more information go to www.P65Warnings.ca.gov

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

C.A.S.	PRINCIPAL HAZARDOUS COMPONENT(S) (chemical & common name(s)	Hazard Category	% Weight	ACGIH TLV	OSHA PEL/TWA
7439-92-1	Lead and lead compounds	Acute-Chronic	60-75	0.05 mg/m³	0.05 mg/m³
7664-93-9	Sulfuric Acid (Battery Electrolyte)	Reactive-Oxidizer Acute -Chronic	15-25	0.2	1.0
7440-31-5	Tin	Chronic	<1	2	2
7440-70-2	Calcium	Reactive	<0.15	Not Established	Not Established

Note: PEL's for Individual states may differ from OSHA's PEL's. Check with local authorities for the applicable state PEL's.
OSHA – Occupational Safety and Health Administration; ACGIH – American Conference of Governmental Industrial Hygienists; NIOSH – National Institute for Occupational Safety and Health.

SECTION 4 - FIRST AID MEASURES

Emergency and First Aid Procedures	Contact with internal components if battery is opened/broken.
Inhalation	Sulfuric Acid: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician. Lead: Remove from exposure, gargle, wash nose and lips; consult physician.
Ingestion	Sulfuric Acid: Give large quantities of water; Do NOT induce vomiting or aspiration into the lungs may occur and can cause permanent injury or death; consult physician. Lead: Consult physician immediately.
Skin	Sulfuric Acid: Flush with large amounts of water for at least 15 minutes; remove contaminated clothing completely, including shoes. If symptoms persist, seek medical attention. Wash contaminated clothing before reuse. Discard contaminated shoes. Lead: Wash immediately with soap and water.
Eyes	Sulfuric Acid and Lead: Flush immediately with large amounts of water for at least 15 minutes while lifting lids; Seek immediate medical attention if eyes have been exposed directly to acid.

SECTION 5 - FIREFIGHTING MEASURES

Flash Point – Not Applicable	Flammable Limits in Air % by Volume: LEL = 4% (Hydrogen Gas in air); UEL = 74%	Extinguishing Media - CO2; foam; dry chemical. Do not use carbon dioxide directly on cells. Avoid breathing vapors. Use appropriate media for surrounding fire.	Auto-Ignition Temperature 675°F (polypropylene)
Fire Fighting Procedures	Use positive pressure, self-contained breathing apparatus. Beware of acid splatter during water application and wear acid-resistant clothing, gloves, face and eye protection. If batteries are on charge, shut off power to the charging equipment, but note that strings of series connected batteries may still pose risk of electric shock even when charging equipment is shut down.		
Hazardous Combustion Products	Highly flammable hydrogen gas is generated during charging and operation of batteries. If ignited by burning cigarette, naked flame or spark, may cause battery explosion with dispersion of casing fragments and corrosive liquid electrolyte. Keep away all sources of gas ignition and do not allow metallic articles to simultaneously contact the negative and positive terminals of a battery.		

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Procedures for Cleanup: Avoid contact with any spilled material, contain/absorb small spills with dry sand, earth or vermiculite. Do not use combustible materials. If possible, carefully neutralize spilled electrolyte with soda ash, sodium bicarbonate, lime, etc. Place battery in suitable container for disposal. Dispose of contents/container in accordance with local/regional/national/international regulations. Sodium bicarbonate, soda ash, sand, lime or other neutralizing agent should be kept on-site for spill remediation.

Personal Precautions: Wear acid-resistant clothing, boots, gloves and face shield.

Environmental Precautions: Lead and its compounds and sulfuric acid can pose a severe threat to the environment. Contamination of water, soil and air should be prevented.

SECTION 7 - HANDLING AND STORAGE

Handling:	Unless involved in recycling operations, do not breach the casing or empty the contents of the battery. Handle carefully and avoid tipping, which may allow electrolyte leakage. There may be increasing risk of electric shock from strings of connected batteries .. Keep away from metallic objects that could bridge the terminals on a battery and create a dangerous short-circuit. Keep containers tightly closed when not in use. If battery case is broken, avoid contact with internal components. Keep vent caps on and cover terminals to prevent short circuits. Do not allow the positive and negative terminals to contact each other, a short circuit will cause high current flow, creating high heat and the possibility of a fire. Place cardboard between layers of stacked automotive batteries to avoid damage and short circuits. Keep away from combustible materials, organic chemicals, reducing substances, metals, strong oxidizers and water. Use banding or stretch wrap to secure items for shipping.
Storage:	Store batteries under roof in cool, dry, well-ventilated areas separated from incompatible materials and from activities that may create flames, spark, or heat. Store on smooth, impervious surfaces provided with measures for liquid containment in the event of electrolyte spills. Keep away from metallic objects that could bridge the terminals on a battery and create a dangerous short-circuit.
Precautions during charging	There is a possible risk of electric shock from charging equipment and from strings of series connected batteries, whether or not being charged. Shut-off power to chargers whenever not in use and before detachment of any circuit connections. Batteries being charged will generate and release flammable hydrogen gas. Charging space should be ventilated. Use proper voltages during charging (see battery label). Keep battery vent caps in position. Prohibit smoking and avoid creation of flames and sparks nearby. Wear face and eye protection when near batteries being charged. Never use a battery that has less than 80% of rated capacity and never "jump start" an aircraft that has a "dead" or discharged battery. Always remove a "dead" battery from the aircraft and perform a capacity test to verify airworthiness. Charge in accordance with recommended procedures only. For optimum life, battery charge voltage should be adjusted with the battery operating temperature.

Other Precautions	GOOD PERSONAL HYGIENE AND WORK PRACTICES ARE MANDATORY. Refrain from eating, drinking or smoking in work areas. Thoroughly wash hands, face, neck and arms, before eating, drinking and smoking. Work clothes and equipment should remain in designated lead contaminated areas, and never taken home or laundered with personal clothing. Wash soiled clothing, work clothes and equipment before rense.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory Protection	None required under normal conditions. Acid/gas NIOSH approved respirator is required when the PEL is exceeded or employee experiences respiratory irritation.
Ventilation	Store and handle in dry ventilated area. If mechanical ventilation is used, components must be acid-resistant. Make certain vent caps are on securely. Charge batteries in areas with adequate ventilation. General dilution ventilation is acceptable.
Skin Protection	If battery case is damaged, wear rubber or plastic acid resistant gloves with elbow-length gauntlet, acid resistant apron, clothing boots.
Eye Protection	ANSI approved safety glasses with side shields/face shield recommended. If battery case is damaged, use chemical gogeles or face shield.
Other Protection	In areas where water and sulfuric acid solutions are handled in concentrations greater than 1%, emergency safety shower and eyewash should be provided with unlimited water supply. Chemically impervious apron and face shield recommended when adding water or electrolyte to batteries (not required for sealed, non-spillable batteries). If battery case is damaged, avoid bodily contact with internal components. Do not allow metallic materials to simultaneously contact both the positive and negative terminals of the batteries. Wash hands after handling

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 212-240 °F	Vapor Pressure: 10 mm Hg	Specific Gravity: 1.215 to 1.350	pH <2	Melting Point: >320°F (polypropylene)
Percent Volatile By Volume: Not Applicable	Vapor Density: Hydrogen: 0.069 (Air =1) Electrolyte: 3.4 @ STP (Air = 1)			Evaporation Rate: < 1 (n-BuAc=1)
Solubility In water: 100% soluble (electrolyte)	Reactivity in Water Electrolyte – Water Reactive			
Upper/lower explosive limits Lower = 4% (Hydrogen) Upper = 74% (Hydrogen)	Flash Point: Below room temperature (as hydrogen gas)			
Appearance and Odor: Battery: Co-polymer polypropylene, solid; may be contained within an outer casing of aluminum or steel. Case has copper, bronze or lead terminals. Lead: Gray, metallic, solid. Electrolyte: Liquid absorbed in glass mat material pungent odor if case is broken.				

SECTION 10 - STABILITY AND REACTIVITY

Stability	Stable under normal conditions at ambient temperatures.
Conditions to Avoid	Avoid overcharging and smoking, or sparks near battery surface. High temperatures-cases melt at >320°F.
Incompatibility (Materials to Avoid)	Strong bases. Combustible organic materials. Reducing agents. Strong oxidizers.
Hazardous Decomposition Products	Sulfuric acid. Hydrogen. Sulfur dioxide. Sulfur trioxide. Hydrogen sulfide. Carbon monoxide.
Hazardous Polymerization	Hazardous Polymerization has not been reported.

SECTION 11 - TOXICOLOGICAL INFORMATION

Routes of Entry:
Sulfuric Acid: Harmful by all routes of entry.
Lead Compounds: Hazardous exposure can occur only when product is heated, oxidized or otherwise processed or damaged to create dust, vapor or fume. The presence of nascent hydrogen may generate highly toxic arsine gas.

Inhalation:
Sulfuric Acid: Breathing of sulfuric acid vapors or mists may cause severe respiratory irritation.
Lead Compounds: Inhalation of lead dust or fumes may cause irritation of upper respiratory tract and lungs.

Ingestion:
Sulfuric Acid: May cause severe irritation of mouth, throat, esophagus and stomach.
Lead Compounds: Acute ingestion may cause abdominal pain, nausea, vomiting, diarrhea and severe cramping. This may lead rapidly to systemic toxicity and must be treated by a physician.

Skin Contact:
Sulfuric Acid: Severe irritation, burns and ulceration.
Lead Compounds: Not absorbed through the skin.
Arsenic compounds: Contact may cause dermatitis and skin hyperpigmentation

Eye Contact:
Sulfuric Acid: Severe irritation, burns, cornea damage, and blindness.
Lead Compounds: May cause eye irritation.

Effects of Overexposure - Acute:
Sulfuric Acid: Severe skin irritation, damage to cornea, upper respiratory irritation.
Lead Compounds: Symptoms of toxicity include headache, fatigue, abdominal pain, loss of appetite, muscular aches and weakness, sleep disturbances and irritability.

Effects of Overexposure - Chronic:
Sulfuric Acid: Possible erosion of tooth enamel, inflammation of nose, throat & bronchial tubes.
Lead Compounds: Anemia; neuropathy, particularly of the motor nerves, with wrist drop; kidney damage; reproductive changes in males and females. Repeated exposure to lead and lead compounds in the workplace may result in nervous system toxicity. Some toxicologists report abnormal conduction velocities in persons with blood lead levels of 50 µg/100 ml or higher. Heavy lead exposure may result in central nervous system damage, encephalopathy and damage to the blood-forming (hematopoietic) tissues.

Carcinogenicity:
Sulfuric Acid: The International Agency for Research on Cancer (IARC) has classified "strong inorganic acid mist containing sulfuric acid" as a Group I carcinogen, a substance that is carcinogenic to humans. Per the guidance found in OSHA 29 CFR 1910.1200 Appendix F, this is approximately equivalent to *(continued)* GHS Category 1A. This classification does not apply to liquid forms of sulfuric acid or sulfuric acid solutions contained within a battery. Inorganic acid mist (sulfuric acid mist) is not generated under normal use of this product. Misuse of the product, such as overcharging, may result in the generation of sulfuric acid mist.

Lead Compounds: Lead is listed by IARC as a Group 2A - likely in animals at extreme doses. Per the guidance found in OSHA 29 CFR 1910.1200 Appendix F, this is approximately equivalent to GHS Category 1B.
Proof of carcinogenicity in humans is lacking at present.

Arsenic: Arsenic is listed by IARC as a Group 1 - carcinogenic to humans. Per the guidance found in OSHA 29 CFR 1910.1200 Appendix F, this is approximately equivalent to GHS Category 1A.

Medical Conditions Generally Aggravated by Exposure:
Overexposure to sulfuric acid mist may cause lung damage and aggravate pulmonary conditions. Contact of sulfuric acid with skin may aggravate diseases such as eczema and contact dermatitis. Lead and its compounds can aggravate some forms of kidney, liver and neurologic diseases.

Acute Toxicity:
Inhalation LD50:
Electrolyte: LC50 rat: 375 mg/m3; LC50: guinea pig: 510 mg/m3

Elemental Lead: Acute Toxicity Point Estimate = 4500 ppmV (based on lead bullion)
Elemental arsenic: No data

Oral LD50:
Electrolyte: rat: 2140 mg/kg
Elemental lead: Acute Toxicity Estimate (ATE) = 500 mg/kg body weight (based on lead bullion)
Elemental arsenic: LD50 mouse: 145 mg/kg
Elemental Antimony: LD50 rat: 100 mg/kg

Additional Health Data:
All heavy metals, including the hazardous ingredients in this product, are taken into the body primarily by inhalation and ingestion. Most inhalation problems can be avoided by adequate precautions such as ventilation and respiratory protection covered in Section 8. Follow good personal hygiene to avoid inhalation and ingestion: wash hands, face, neck and arms thoroughly before eating, smoking or leaving the work site. Keep contaminated clothing out of non-contaminated areas, or wear cover clothing when in such areas. Restrict the use and presence of food, tobacco and cosmetics to non-contaminated areas. Work clothes and work equipment used in contaminated areas must remain in designated areas and never taken home or laundered with personal non-contaminated clothing. This product is intended for industrial use only and should be isolated from children and their environment.

The 19th Amendment to EC Directive 67/548/EEC classified lead compounds, but not lead in metal form, as possibly toxic to reproduction. Risk phrase 61: May cause harm to the unborn child, applies to lead compounds, especially soluble forms.

SECTION 12 - ECOLOGICAL INFORMATION

Environmental Fate:
Lead is persistent in soil and sediment. In most surface water and groundwater, lead forms compounds with anions such as hydroxides, carbonates, sulfates, and phosphates, and precipitates out of the water. Mobility of metallic lead between ecological compartments is slow. Most lead is strongly retained in soil, resulting in little mobility. Lead may be immobilized by ion exchange with hydrous oxides or clays or by chelation with humic or fulvic acids in the soil. Lead (dissolved phase) is bioaccumulated by plants and animals, both aquatic and terrestrial.

Aquatic Toxicity:
Sulfuric Acid: 24-hr LC50, freshwater fish (Brachydanio rerio): 82 mg/L, 96-hr LOEC, freshwater fish (Cyprinus carpio): 22 mg/L
Lead: 48-hr LC50 (modeled for aquatic invertebrates: <1mg/L, based on lead bullion
Additional Information:
Volatile Organic Compounds (VOC): 0% (by volume)

SECTION 13 - DISPOSAL CONSIDERATIONS

Concorde batteries are 100% recyclable by any licensed reclamation operation. Because these batteries contain lead, sulfuric acid, and other hazardous materials, they must never be discarded in the trash or in a landfill. Small quantities can be taken to local Household Hazardous Waste Management facilities, which are licensed to handle them. For assistance, please call Concorde Battery at 626-813-1234 or use the following link to find a recycling center near you:

https://www.calrecycle.ca.gov/reduce/waste/Batteries/

SECTION 14 - TRANSPORT INFORMATION

All Concorde AGM, GPL, PVX, RG® series and D8565 series are valve regulated lead acid (VRLA) batteries. Concorde's VRLA have been tested in accordance with the vibration and pressure differential tests found in 49 CFR 173.159(f) and free flowing acid tests under 49 CFR173.159a, the vibration and pressure differential test under IATA Packing Instruction 872, meet IATA Special Provisions A48, A67, A164 & A183, and IMDG Special Provisions 238.1 & 238.2. The batteries are securely packaged, protected from short circuits and labeled "Non-Spillable." Concorde's VRLA batteries are exempt from DOT Hazardous Material Regulations, IATA Dangerous Goods Regulations, and IMDG Code.

US DOT
Exempted from the requirements because batteries have passed the vibration and pressure differential performance tests, and ruptured case test for nonspillable designation.

IMO
Exempted from the requirements because batteries have passed the vibration and pressure differential performance tests, and ruptured case test for nonspillable designation.
And, when packaged for transport, the terminals are protected from short circuit.

IATA
Exempted from the requirements because batteries have passed the vibration and pressure differential performance tests, and ruptured case test for nonspillable designation.
And when packaged for transport, the terminals are protected from short circuit. The words "Not Restricted" and the Special Provision numbers must be included in the description of the substance on the Air Waybill as required by 8.2.6, when an Air Waybill is issued.

ADR
Per Special Provision 598 Concorde's new VRLA batteries are not subject of the requirements of ADR when they are secured in such a way that they cannot slip, fall or be damaged and are suitably stacked, e.g. on pallets (or, if not on pallets, are provided with carrying devices). Concorde new VRLA batteries have no dangerous traces of alkalis or acids on the outside and are protected against short circuits.

SECTION 15 - REGULATORY INFORMATION

UNITED STATES:

EPCRA Sections 302, 304, 311 & 312

Lead-acid batteries do NOT meet the OSHA definition of an "article" (US EPA, Oct. 1998). The lead and acid that compose these batteries must be included when determining the various thresholds for these EPCRA section regulations. The acid in lead-acid batteries is **Sulfuric Acid**, which is an Extremely Hazardous Substance (EHS). The following table outlines the applicable EPCRA Sections and their respective thresholds for **Sulfuric Acid**:

EPCRA Sections – Sulfuric Acid	*Thresholds*
302 - Emergency Planning Notification	TPQ ≥ 1,000 lbs.
304 - Emergency Release Notification	RQ ≥ 1,000 lbs.
311 - MSDS Reporting	*TPQ ≥ 500 lbs.
312 - Chemical Inventory Reporting (i.e. Tier II)	*TPQ ≥ 500 lbs.

***The reporting threshold for Sulfuric Acid is ≥ the designated TPQ or 500 lbs, whichever is less.**

The lead used in lead-acid batteries does not qualify for any OSHA or EPCRA exemptions. Lead is not an EHS, and the following table outlines the applicable EPCRA Sections and their respective thresholds for lead:

EPCRA Sections - Lead	*Thresholds*
311 - MSDS Reporting	≥ 10,000 lbs.
312 - Chemical Inventory Reporting (i.e. Tier II)	≥ 10,000 lbs.

EPCRA Section 313

The reporting of lead and sulfuric acid (and their releases) in lead-acid batteries used in cars, trucks, most cranes, forklifts, locomotive engines, and aircraft for the purposes of EPCRA Section 313 is not required. Lead-acid batteries used for these purposes are exempt for Section 313 reporting per the "Motor Vehicle Exemption." See page B-22 of the *U.S. EPA Guidance Document for Lead and Lead Compound Reporting under EPCRA Section 313* for additional information of this exemption.

Supplier Notification: This product contains toxic chemicals that may be reportable under EPCRA Section 313 Toxic Chemical Release Inventory (Form R) requirements. For a manufacturing facility under SIC codes 20 through 39, the following information is provided to enable you to complete the required reports:

Toxic Chemical	CAS Number	Approximate % by Weight
Lead and Lead Compounds	7439-92-1	60-75%
Sulfuric Acid/Water Solution	7664-93-9	15-25%
Tin	7440-31-5	<1%

TSCA:

TSCA Section 8b – Inventory Status: All chemicals comprising this product are either exempt or listed on the TSCA Inventory.

TSCA Section 12b (40 CFR Part 707.60(b)) No notice of export will be required for articles, except PCB articles, unless the Agency so requires in the context of individual section 5, 6, or 7 actions.

TSCA Section 13 (40 CFR Part 707.20): No import certification required (EPA 305-B-99-001, June 1999, Introduction to the Chemical Import Requirements of the Toxic Substances Control Act, Section IV.A)

RCRA: Spent Lead Acid Batteries are subject to streamlined handling requirements when managed in compliance with 40 CFR section 266.80 or 40 CFR part 273. Waste sulfuric acid is a characteristic hazardous waste; EPA hazardous waste number D002 (corrosivity) and D008 (lead).

STATE REGULATIONS (US):

California Proposition 65 Warning: Batteries and other related parts contain Lead (CAS# 7439-92-1). Battery posts, terminals, and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and reproductive harm. Batteries also contain other chemicals known to the State of California to cause cancer. Wash hands after handling.

INTERNATIONAL REGULATIONS:

Distribution into Quebec to follow Canadian Controlled Product Regulations (CPR) 24(1) and 24(2).

Distribution into the EU to follow applicable Directives to the Use, Import/Export of the product as-sold.

16. OTHER INFORMATION

NFPA Hazard Rating for sulfuric acid:
Flammability (Red) = 0
Health (Blue) = 3
Reactivity (Yellow) = 2

Sulfuric acid is water-reactive if concentrated.

SECTION 16 - OTHER INFORMATION

THE INFORMATION ABOVE IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST INFORMATION CURRENTLY AVAILABLE TO US. HOWEVER, CONCORDE BATTERY MAKES NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, WITH RESPECT TO SUCH INFORMATION, AND WE ASSUME NO LIABILITY RESULTING FROM ITS USE. USERS SHOULD MAKE THEIR OWN INVESTIGATIONS TO DETERMINE THE SUITABILITY OF THE INFORMATION FOR THEIR PARTICULAR PURPOSES. ALTHOUGH REASONABLE PRECAUTIONS HAVE BEEN TAKEN IN THE PREPARATION OF THE DATA CONTAINED HEREIN, IT IS OFFERED SOLELY FOR YOUR INFORMATION, CONSIDERATION AND INVESTIGATION. THIS SAFETY DATA SHEET PROVIDES GUIDELINES FOR THE SAFE HANDLING AND USE OF THIS PRODUCT; IT DOES NOT AND CANNOT ADVISE ON ALL POSSIBLE SITUATIONS, THEREFORE, YOUR SPECIFIC USE OF THIS PRODUCT SHOULD BE EVALUATED TO DETERMINE IF ADDITIONAL PRECAUTIONS ARE REQUIRED.

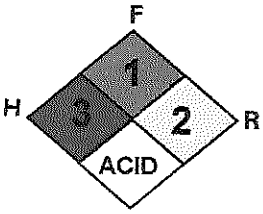
...the heart of your system®

CONCORDE®

CONCORDE BATTERY
VALVE REGULATED
LEAD ACID BATTERY

SAFETY DATA SHEET

Hazard Rating



SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

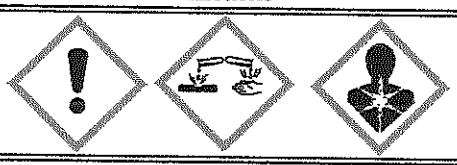
Product Name: Valve Regulated Sealed Dry Lead Battery	PRODUCT USE: Electric Storage Battery
MANUFACTURER'S NAME: CONCORDE BATTERY CORPORATION	EMERGENCY CONTACT.: CHEMTEL (800) 255-3924 Contract #:MIS0001716
ADDRESS:2009 San Bernardino Rd., West Covina, CA 91790	OTHER INFORMATION CALLS: (626) 813-1234
COMMON NAME: (Used on label) Valve Regulated Sealed Non-Spillable Lead-Acid Battery (Trade Name & Synonyms) VRB, VRLA, SLAB, Recombinant Lead Acid: RG, D8565 Series	Revised Date: 01/24/2023

SECTION 2 - HAZARD IDENTIFICATION

GHS Classification:

Health		Environmental		Physical
Acute Toxicity (Oral/Dermal/Inhalation)	Category 4	Aquatic	Chronic 1	Explosive Chemical, Division 1.3
Skin corrosion/Irritation	Category 1A	Aquatic	Acute 1	
Eye Damage	Category 1			
Reproductive	Category 1A			
Carcinogenicity (lead)	Category 1B			
Carcinogenicity (acid mist)	Category 1A			
Specific Target Organ Toxicity (repeated exp.)	Category 2			

GHS Label:

Health	Environmental	Physical
		

Hazard Statements

DANGER!
Harmful if swallowed, inhaled, or in contact with skin.
Acid causes severe skin burns and eye damage.
May damage fertility or the unborn child if ingested or inhaled.
May cause harm to breast-fed children.
May cause cancer if ingested or inhaled.
Causes skin irritation, serious eye damage.
Contact with internal components may cause irritation or severe burns.
Causes damage to central nervous system, blood and kidneys through prolonged or repeated exposure if ingested or inhaled.
Irritating to eyes, respiratory system, and skin.
May form explosive air/gas mixture during charging.
Explosive, fire, blast or projection hazard

Precautionary Statements

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Wash thoroughly after handling.
Do not eat drink or smoke when using this product.
Avoid contact during pregnancy/while nursing.
Wear protective gloves/protective clothing, eye protection/face protection.
Use only outdoors or in a well-ventilated area.
Avoid contact with internal acid.
Do not breathe dust/fume/gas/mist/vapors/spray.
Keep away from heat/sparks/open flames/hot surfaces. No smoking
IF SWALLOWED OR CONSUMED: rinse mouth.
Do NOT induce vomiting. Call a poison center/doctor if you feel unwell.
IF ON CLOTHING OR SKIN (or hair): Remove/Take off immediately all contaminated clothing and wash it before reuse. Rinse skin with water/shower.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Immediately call a POISON CENTER or doctor/physician.
IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
If exposed/concerned, or if you feel unwell seek medical attention/advice.
Store locked up, in a well-ventilated area, in accordance with local and national regulation.
Dispose of contents/container in accordance with local and national regulation
Keep out of reach of children.

⚠**WARNING:** Battery posts, terminals and related accessories can expose you to chemicals including lead and lead compounds, which are known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling. For more information go to www.P65Warnings.ca.gov

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

C.A.S.	PRINCIPAL HAZARDOUS COMPONENT(S) (chemical & common name(s)	Hazard Category	% Weight	ACGIH TLV	OSHA PEL/TWA
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7440-70-2	Calcium	Reactive	<0.15	Not Established	Not Established

Note: PEL's for Individual states may differ from OSHA's PEL's. Check with local authorities for the applicable state PEL's.
OSHA – Occupational Safety and Health Administration; ACGIH – American Conference of Governmental Industrial Hygienists; NIOSH – National Institute for Occupational Safety and Health.

SECTION 4 - FIRST AID MEASURES

Emergency and First Aid Procedures	Contact with internal components if battery is opened/broken.
Inhalation	Sulfuric Acid: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician. Lead: Remove from exposure, gargle, wash nose and lips; consult physician.
Ingestion	Sulfuric Acid: Give large quantities of water; Do NOT induce vomiting or aspiration into the lungs may occur and can cause permanent injury or death; consult physician. Lead: Consult physician immediately.
Skin	Sulfuric Acid: Flush with large amounts of water for at least 15 minutes; remove contaminated clothing completely, including shoes. If symptoms persist, seek medical attention. Wash contaminated clothing before reuse. Discard contaminated shoes. Lead: Wash immediately with soap and water.
Eyes	Sulfuric Acid and Lead: Flush immediately with large amounts of water for at least 15 minutes while lifting lids; Seek immediate medical attention if eyes have been exposed directly to acid.

SECTION 5 - FIREFIGHTING MEASURES

Flash Point – Not Applicable	Flammable Limits in Air % by Volume: LEL = 4% (Hydrogen Gas in air); UEL = 74%	Extinguishing Media - CO2; foam; dry chemical. Do not use carbon dioxide directly on cells. Avoid breathing vapors. Use appropriate media for surrounding fire.	Auto-Ignition Temperature 675°F (polypropylene)
Fire Fighting Procedures	Use positive pressure, self-contained breathing apparatus. Beware of acid splatter during water application and wear acid-resistant clothing, gloves, face and eye protection. If batteries are on charge, shut off power to the charging equipment, but note that strings of series connected batteries may still pose risk of electric shock even when charging equipment is shut down.		
Hazardous Combustion Products	Highly flammable hydrogen gas is generated during charging and operation of batteries. If ignited by burning cigarette, naked flame or spark, may cause battery explosion with dispersion of casing fragments and corrosive liquid electrolyte. Keep away all sources of gas ignition and do not allow metallic articles to simultaneously contact the negative and positive terminals of a battery.		

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Procedures for Cleanup: Avoid contact with any spilled material. contain/absorb small spills with dry sand, earth or vermiculite. Do not use combustible materials. If possible, carefully neutralize spilled electrolyte with soda ash, sodium bicarbonate, lime, etc. Place battery in suitable container for disposal. Dispose of contents/container in accordance with local/regional/national/international regulations. Sodium bicarbonate, soda ash, sand, lime or other neutralizing agent should be kept on-site for spill remediation.

Personal Precautions: Wear acid-resistant clothing, boots, gloves and face shield.

Environmental Precautions: Lead and its compounds and sulfuric acid can pose a severe threat to the environment. Contamination of water, soil and air should be prevented.

SECTION 7 - HANDLING AND STORAGE

Handling:	Unless involved in recycling operations, do not breach the casing or empty the contents of the battery. Handle carefully and avoid tipping, which may allow electrolyte leakage. There may be increasing risk of electric shock from strings of connected batteries .. Keep away from metallic objects that could bridge the terminals on a battery and create a dangerous short-circuit. Keep containers tightly closed when not in use. If battery case is broken, avoid contact with internal components. Keep vent caps on and cover terminals to prevent short circuits. Do not allow the positive and negative terminals to contact each other, a short circuit will cause high current flow, creating high heat and the possibility of a fire. Place cardboard between layers of stacked automotive batteries to avoid damage and short circuits. Keep away from combustible materials, organic chemicals, reducing substances, metals, strong oxidizers and water. Use banding or stretch wrap to secure items for shipping.
Storage:	Store batteries under roof in cool, dry, well-ventilated areas separated from incompatible materials and from activities that may create flames, spark, or heat. Store on smooth, impervious surfaces provided with measures for liquid containment in the event of electrolyte spills. Keep away from metallic objects that could bridge the terminals on a battery and create a dangerous short-circuit.
Precautions during charging	There is a possible risk of electric shock from charging equipment and from strings of series connected batteries, whether or not being charged. Shut-off power to chargers whenever not in use and before detachment of any circuit connections. Batteries being charged will generate and release flammable hydrogen gas. Charging space should be ventilated. Use proper voltages during charging (see battery label). Keep battery vent caps in position. Prohibit smoking and avoid creation of flames and sparks nearby. Wear face and eye protection when near batteries being charged. Never use a battery that has less than 80% of rated capacity and never "jump start" an aircraft that has a "dead" or discharged battery. Always remove a "dead" battery from the aircraft and perform a capacity test to verify airworthiness. Charge in accordance with recommended procedures only. For optimum life, battery charge voltage should be adjusted with the battery operating temperature.

Other Precautions	GOOD PERSONAL HYGIENE AND WORK PRACTICES ARE MANDATORY. Refrain from eating, drinking or smoking in work areas. Thoroughly wash hands, face, neck and arms, before eating, drinking and smoking. Work clothes and equipment should remain in designated lead contaminated areas, and never taken home or laundered with personal clothing. Wash soiled clothing, work clothes and equipment before reuse.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory Protection	None required under normal conditions. Acid/gas NIOSH approved respirator is required when the PEL is exceeded or employee experiences respiratory irritation.
Ventilation	Store and handle in dry ventilated area. If mechanical ventilation is used, components must be acid-resistant. Make certain vent caps are on securely. Charge batteries in areas with adequate ventilation. General dilution ventilation is acceptable.
Skin Protection	If battery case is damaged, wear rubber or plastic acid resistant gloves with elbow-length gauntlet, acid resistant apron, clothing boots.
Eye Protection	ANSI approved safety glasses with side shields/face shield recommended. If battery case is damaged, use chemical goggles or face shield.
Other Protection	In areas where water and sulfuric acid solutions are handled in concentrations greater than 1%, emergency safety shower and eyewash should be provided with unlimited water supply. Chemically impervious apron and face shield recommended when adding water or electrolyte to batteries (not required for sealed, non-spillable batteries). If battery case is damaged, avoid bodily contact with internal components. Do not allow metallic materials to simultaneously contact both the positive and negative terminals of the batteries. Wash hands after handling

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 212-240 °F	Vapor Pressure: 10 mm Hg	Specific Gravity: 1.215 to 1.350	pH <2	Melting Point: >320°F (polypropylene)
Percent Volatile By Volume: Not Applicable	Vapor Density: Hydrogen: 0.069 (Air =1) Electrolyte: 3.4 @ STP (Air = 1)			Evaporation Rate: < 1 (n-BuAc=1)
Solubility In water: 100% soluble (electrolyte)	Reactivity in Water Electrolyte – Water Reactive			
Upper/lower explosive limits Lower = 4% (Hydrogen) Upper = 74% (Hydrogen)	Flash Point: Below room temperature (as hydrogen gas)			
Appearance and Odor: Battery: Co-polymer polypropylene, solid; may be contained within an outer casing of aluminum or steel. Case has copper, bronze or lead terminals. Lead: Gray, metallic, solid. Electrolyte: Liquid absorbed in glass mat material pungent odor if case is broken.				

SECTION 10 - STABILITY AND REACTIVITY

Stability	Stable under normal conditions at ambient temperatures.
Conditions to Avoid	Avoid overcharging and smoking, or sparks near battery surface. High temperatures-cases melt at >320°F.
Incompatibility (Materials to Avoid)	Strong bases. Combustible organic materials. Reducing agents. Strong oxidizers.
Hazardous Decomposition Products	Sulfuric acid. Hydrogen. Sulfur dioxide. Sulfur trioxide. Hydrogen sulfide. Carbon monoxide.
Hazardous Polymerization	Hazardous Polymerization has not been reported.

SECTION 11 - TOXICOLOGICAL INFORMATION

Routes of Entry:
Sulfuric Acid: Harmful by all routes of entry.
Lead Compounds: Hazardous exposure can occur only when product is heated, oxidized or otherwise processed or damaged to create dust, vapor or fume. The presence of nascent hydrogen may generate highly toxic arsine gas.

Inhalation:
Sulfuric Acid: Breathing of sulfuric acid vapors or mists may cause severe respiratory irritation.
Lead Compounds: Inhalation of lead dust or fumes may cause irritation of upper respiratory tract and lungs.

Ingestion:
Sulfuric Acid: May cause severe irritation of mouth, throat, esophagus and stomach.
Lead Compounds: Acute ingestion may cause abdominal pain, nausea, vomiting, diarrhea and severe cramping. This may lead rapidly to systemic toxicity and must be treated by a physician.

Skin Contact:
Sulfuric Acid: Severe irritation, burns and ulceration.
Lead Compounds: Not absorbed through the skin.
Arsenic compounds: Contact may cause dermatitis and skin hyperpigmentation

Eye Contact:
Sulfuric Acid: Severe irritation, burns, cornea damage, and blindness.
Lead Compounds: May cause eye irritation.

Effects of Overexposure - Acute:
Sulfuric Acid: Severe skin irritation, damage to cornea, upper respiratory irritation.
Lead Compounds: Symptoms of toxicity include headache, fatigue, abdominal pain, loss of appetite, muscular aches and weakness, sleep disturbances and irritability.

Effects of Overexposure - Chronic:
Sulfuric Acid: Possible erosion of tooth enamel, inflammation of nose, throat & bronchial tubes.
Lead Compounds: Anemia; neuropathy, particularly of the motor nerves, with wrist drop; kidney damage; reproductive changes in males and females. Repeated exposure to lead and lead compounds in the workplace may result in nervous system toxicity. Some toxicologists report abnormal conduction velocities in persons with blood lead levels of 50 µg/100 ml or higher. Heavy lead exposure may result in central nervous system damage, encephalopathy and damage to the blood-forming (hematopoietic) tissues.

Carcinogenicity:
Sulfuric Acid: The International Agency for Research on Cancer (IARC) has classified "strong inorganic acid mist containing sulfuric acid" as a Group I carcinogen, a substance that is carcinogenic to humans. Per the guidance found in OSHA 29 CFR 1910.1200 Appendix F, this is approximately equivalent to *(continued)* GHS Category 1A. This classification does not apply to liquid forms of sulfuric acid or sulfuric acid solutions contained within a battery. Inorganic acid mist (sulfuric acid mist) is not generated under normal use of this product. Misuse of the product, such as overcharging, may result in the generation of sulfuric acid mist.

Lead Compounds: Lead is listed by IARC as a Group 2A - likely in animals at extreme doses. Per the guidance found in OSHA 29 CFR 1910.1200 Appendix F, this is approximately equivalent to GHS Category 1B.
Proof of carcinogenicity in humans is lacking at present.

Arsenic: Arsenic is listed by IARC as a Group 1 - carcinogenic to humans. Per the guidance found in OSHA 29 CFR 1910.1200 Appendix F, this is approximately equivalent to GHS Category 1A.

Medical Conditions Generally Aggravated by Exposure:
Overexposure to sulfuric acid mist may cause lung damage and aggravate pulmonary conditions. Contact of sulfuric acid with skin may aggravate diseases such as eczema and contact dermatitis. Lead and its compounds can aggravate some forms of kidney, liver and neurologic diseases.

Acute Toxicity:
Inhalation LD50:
Electrolyte: LC50 rat: 375 mg/m3; LC50: guinea pig: 510 mg/m3

Elemental Lead: Acute Toxicity Point Estimate = 4500 ppmV (based on lead bullion)
Elemental arsenic: No data

Oral LD50:
Electrolyte: rat: 2140 mg/kg
Elemental lead: Acute Toxicity Estimate (ATE) = 500 mg/kg body weight (based on lead bullion)
Elemental arsenic: LD50 mouse: 145 mg/kg
Elemental Antimony: LD50 rat: 100 mg/kg

Additional Health Data:
All heavy metals, including the hazardous ingredients in this product, are taken into the body primarily by inhalation and ingestion. Most inhalation problems can be avoided by adequate precautions such as ventilation and respiratory protection covered in Section 8. Follow good personal hygiene to avoid inhalation and ingestion: wash hands, face, neck and arms thoroughly before eating, smoking or leaving the work site. Keep contaminated clothing out of non-contaminated areas, or wear cover clothing when in such areas. Restrict the use and presence of food, tobacco and cosmetics to non-contaminated areas. Work clothes and work equipment used in contaminated areas must remain in designated areas and never taken home or laundered with personal non-contaminated clothing. This product is intended for industrial use only and should be isolated from children and their environment.

The 19th Amendment to EC Directive 67/548/EEC classified lead compounds, but not lead in metal form, as possibly toxic to reproduction. Risk phrase 61: May cause harm to the unborn child, applies to lead compounds, especially soluble forms.

SECTION 12 - ECOLOGICAL INFORMATION

Environmental Fate:
Lead is persistent in soil and sediment. In most surface water and groundwater, lead forms compounds with anions such as hydroxides, carbonates, sulfates, and phosphates, and precipitates out of the water. Mobility of metallic lead between ecological compartments is slow. Most lead is strongly retained in soil, resulting in little mobility. Lead may be immobilized by ion exchange with hydrous oxides or clays or by chelation with humic or fulvic acids in the soil. Lead (dissolved phase) is bioaccumulated by plants and animals, both aquatic and terrestrial.

Aquatic Toxicity:
Sulfuric Acid: 24-hr LC50, freshwater fish (Brachydanio rerio): 82 mg/L, 96-hr LOEC, freshwater fish (Cyprinus carpio): 22 mg/L
Lead: 48-hr LC50 (modeled for aquatic invertebrates: <1mg/L, based on lead bullion
Additional Information:
Volatile Organic Compounds (VOC): 0% (by volume)

SECTION 13 - DISPOSAL CONSIDERATIONS

Concorde batteries are 100% recyclable by any licensed reclamation operation. Because these batteries contain lead, sulfuric acid, and other hazardous materials, they must never be discarded in the trash or in a landfill. Small quantities can be taken to local Household Hazardous Waste Management facilities, which are licensed to handle them. For assistance, please call Concorde Battery at 626-813-1234 or use the following link to find a recycling center near you:

https://www.calrecycle.ca.gov/reduce waste/Batteries/

SECTION 14 - TRANSPORT INFORMATION

All Concorde AGM, GPL, PVX, RG® series and D8565 series are valve regulated lead acid (VRLA) batteries. Concorde's VRLA have been tested in accordance with the vibration and pressure differential tests found in 49 CFR 173.159(f) and free flowing acid tests under 49 CFR173.159a, the vibration and pressure differential test under IATA Packing Instruction 872, meet IATA Special Provisions A48, A67, A164 & A183, and IMDG Special Provisions 238.1 & 238.2. The batteries are securely packaged, protected from short circuits and labeled "Non-Spillable." Concorde's VRLA batteries are exempt from DOT Hazardous Material Regulations, IATA Dangerous Goods Regulations, and IMDG Code.

US DOT
Exempted from the requirements because batteries have passed the vibration and pressure differential performance tests, and ruptured case test for nonspillable designation.

IMO
Exempted from the requirements because batteries have passed the vibration and pressure differential performance tests, and ruptured case test for nonspillable designation.
And, when packaged for transport, the terminals are protected from short circuit.

IATA
Exempted from the requirements because batteries have passed the vibration and pressure differential performance tests, and ruptured case test for nonspillable designation.
And when packaged for transport, the terminals are protected from short circuit. The words "Not Restricted" and the Special Provision numbers must be included in the description of the substance on the Air Waybill as required by 8.2.6, when an Air Waybill is issued.

ADR
Per Special Provision 598 Concorde's new VRLA batteries are not subject of the requirements of ADR when they are secured in such a way that they cannot slip, fall or be damaged and are suitably stacked, e.g. on pallets (or, if not on pallets, are provided with carrying devices). Concorde new VRLA batteries have no dangerous traces of alkalis or acids on the outside and are protected against short circuits.

SECTION 15 - REGULATORY INFORMATION

UNITED STATES:

EPCRA Sections 302, 304, 311 & 312

Lead-acid batteries do NOT meet the OSHA definition of an "article" (US EPA, Oct. 1998). The lead and acid that compose these batteries must be included when determining the various thresholds for these EPCRA section regulations. The acid in lead-acid batteries is **Sulfuric Acid**, which is an Extremely Hazardous Substance (EHS). The following table outlines the applicable EPCRA Sections and their respective thresholds for **Sulfuric Acid**:

EPCRA Sections – Sulfuric Acid	*Thresholds*
302 - Emergency Planning Notification	TPQ ≥ 1,000 lbs.
304 - Emergency Release Notification	RQ ≥ 1,000 lbs.
311 - MSDS Reporting	*TPQ ≥ 500 lbs.
312 - Chemical Inventory Reporting (i.e. Tier II)	*TPQ ≥ 500 lbs.

***The reporting threshold for Sulfuric Acid is ≥ the designated TPQ or 500 lbs, whichever is less.**

The lead used in lead-acid batteries does not qualify for any OSHA or EPCRA exemptions. Lead is not an EHS, and the following table outlines the applicable EPCRA Sections and their respective thresholds for lead:

EPCRA Sections - Lead	*Thresholds*
311 - MSDS Reporting	≥ 10,000 lbs.
312 - Chemical Inventory Reporting (i.e. Tier II)	≥ 10,000 lbs.

EPCRA Section 313

The reporting of lead and sulfuric acid (and their releases) in lead-acid batteries used in cars, trucks, most cranes, forklifts, locomotive engines, and aircraft for the purposes of EPCRA Section 313 is not required. Lead-acid batteries used for these purposes are exempt for Section 313 reporting per the "Motor Vehicle Exemption." See page B-22 of the *U.S. EPA Guidance Document for Lead and Lead Compound Reporting under EPCRA Section 313* for additional information of this exemption.

Supplier Notification: This product contains toxic chemicals that may be reportable under EPCRA Section 313 Toxic Chemical Release Inventory (Form R) requirements. For a manufacturing facility under SIC codes 20 through 39, the following information is provided to enable you to complete the required reports:

Toxic Chemical	CAS Number	Approximate % by Weight
Lead and Lead Compounds	7439-92-1	60-75%
Sulfuric Acid/Water Solution	7664-93-9	15-25%
Tin	7440-31-5	<1%

TSCA:

TSCA Section 8b – Inventory Status: All chemicals comprising this product are either exempt or listed on the TSCA Inventory.

TSCA Section 12b (40 CFR Part 707.60(b)) No notice of export will be required for articles, except PCB articles, unless the Agency so requires in the context of individual section 5, 6, or 7 actions.

TSCA Section 13 (40 CFR Part 707.20): No import certification required (EPA 305-B-99-001, June 1999, Introduction to the Chemical Import Requirements of the Toxic Substances Control Act, Section IV.A)

RCRA: Spent Lead Acid Batteries are subject to streamlined handling requirements when managed in compliance with 40 CFR section 266.80 or 40 CFR part 273. Waste sulfuric acid is a characteristic hazardous waste; EPA hazardous waste number D002 (corrosivity) and D008 (lead).

STATE REGULATIONS (US):

California Proposition 65 Warning: Batteries and other related parts contain Lead (CAS# 7439-92-1). Battery posts, terminals, and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and reproductive harm. Batteries also contain other chemicals known to the State of California to cause cancer. Wash hands after handling.

INTERNATIONAL REGULATIONS:

Distribution into Quebec to follow Canadian Controlled Product Regulations (CPR) 24(1) and 24(2).

Distribution into the EU to follow applicable Directives to the Use, Import/Export of the product as-sold.

16. OTHER INFORMATION

NFPA Hazard Rating for sulfuric acid:
Flammability (Red) = 0
Health (Blue) = 3
Reactivity (Yellow) = 2

Sulfuric acid is water-reactive if concentrated.

SECTION 16 - OTHER INFORMATION

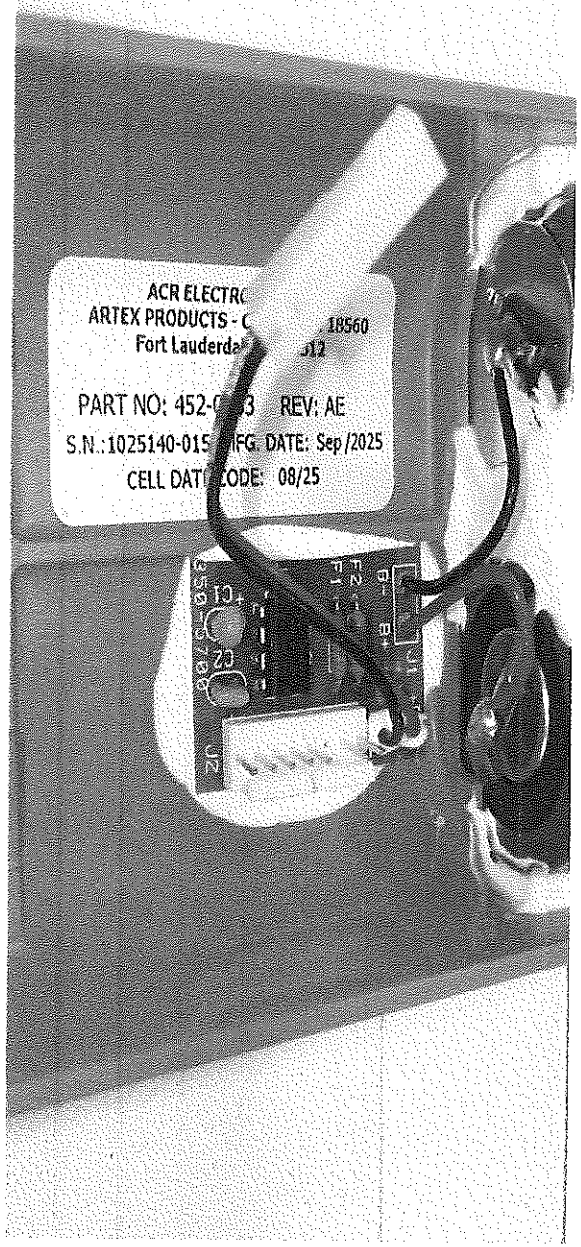
THE INFORMATION ABOVE IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST INFORMATION CURRENTLY AVAILABLE TO US. HOWEVER, CONCORDE BATTERY MAKES NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, WITH RESPECT TO SUCH INFORMATION, AND WE ASSUME NO LIABILITY RESULTING FROM ITS USE. USERS SHOULD MAKE THEIR OWN INVESTIGATIONS TO DETERMINE THE SUITABILITY OF THE INFORMATION FOR THEIR PARTICULAR PURPOSES. ALTHOUGH REASONABLE PRECAUTIONS HAVE BEEN TAKEN IN THE PREPARATION OF THE DATA CONTAINED HEREIN, IT IS OFFERED SOLELY FOR YOUR INFORMATION, CONSIDERATION AND INVESTIGATION. THIS SAFETY DATA SHEET PROVIDES GUIDELINES FOR THE SAFE HANDLING AND USE OF THIS PRODUCT; IT DOES NOT AND CANNOT ADVISE ON ALL POSSIBLE SITUATIONS, THEREFORE, YOUR SPECIFIC USE OF THIS PRODUCT SHOULD BE EVALUATED TO DETERMINE IF ADDITIONAL PRECAUTIONS ARE REQUIRED.

Inc.
Code: 18560
L 33312
REV: AE
E: Sep/2025
F2
F1
U1
B1+
J3

AUTHORIZED RELEASE CERTIFICATE
SN: 1025140-014

SN: 1025140-014
SN: 1025140-014
ACR ELECTRONICS, Inc.
ARTEX PRODUCTS - CAGE Code: 1J500
Fort Lauderdale, FL 33312
PART NO: 452-0133
S.N: 1025140-014 MFG. DATE: 08/2025
CERTIFICATE CODE: 08/25

User / Installer Responsibilities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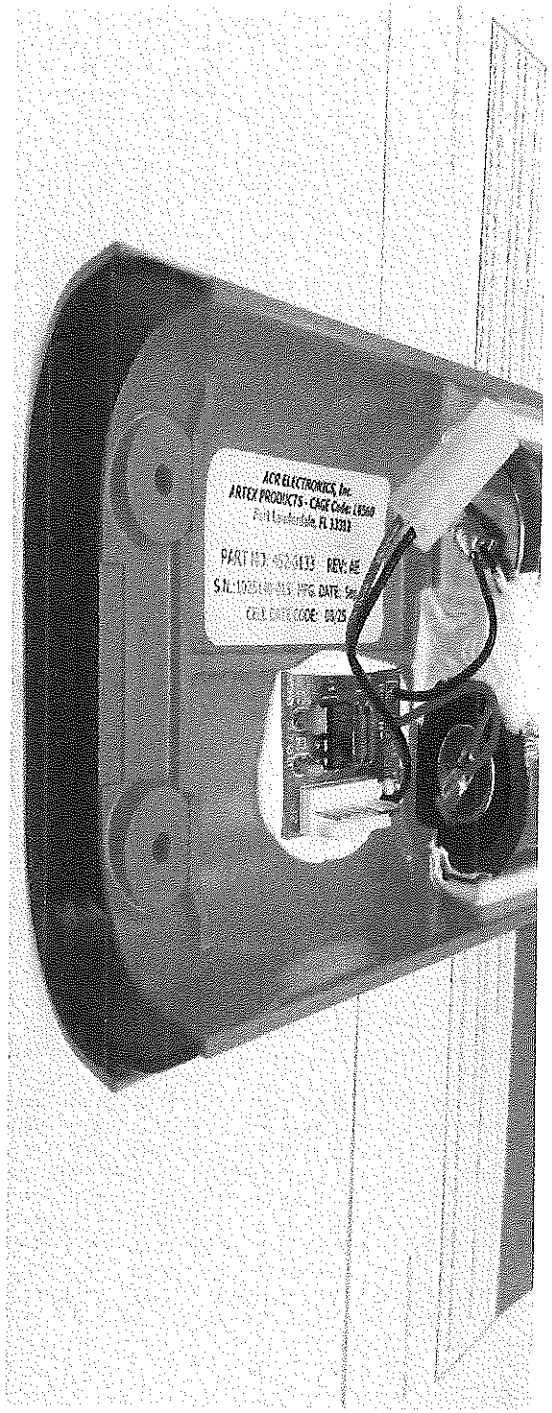
CELL DATE CODE: 08/25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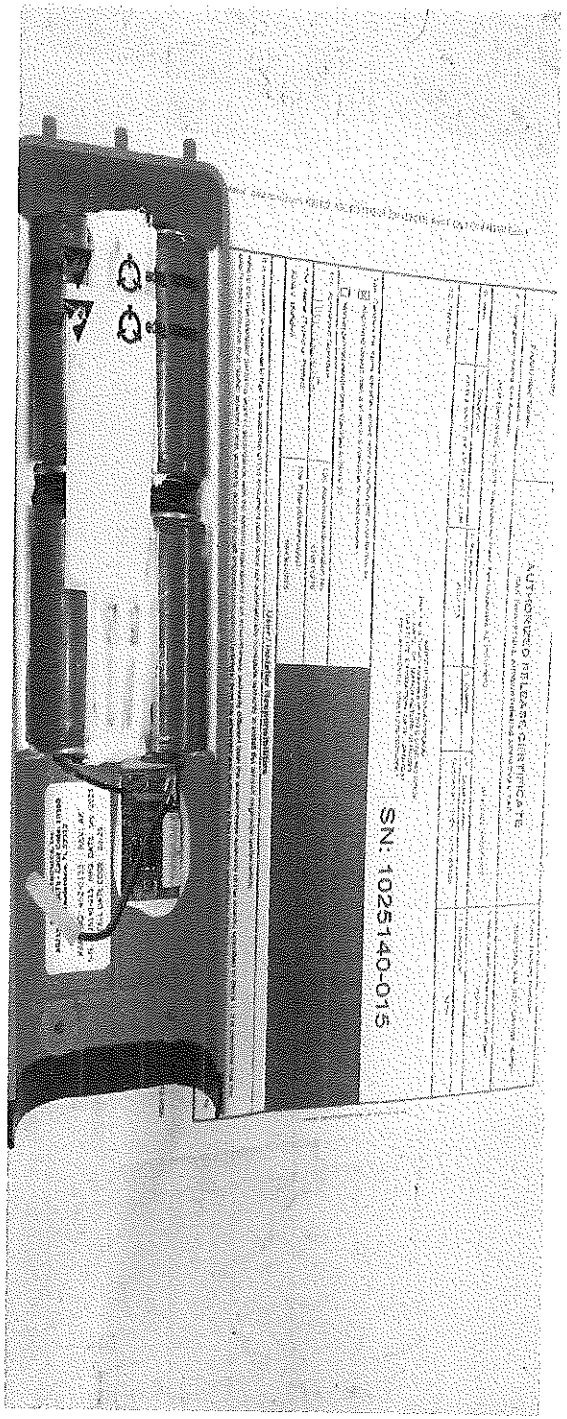
REV: AE


SN: 1025140-015

ACR ELECTRONICS, Inc.
406 LITHIUM BATTERY PACK
Approved design data and are in a condition for safe operation.
Southern Cross Aviation www.scmas.com 770122 ASC-PO-

	8. Part Number	9. Quantity	10. Serial Number	11. Status/Work
406 SERIES Li LM	452-0133	10	1025140-011 THRU 1025140-020	NEW

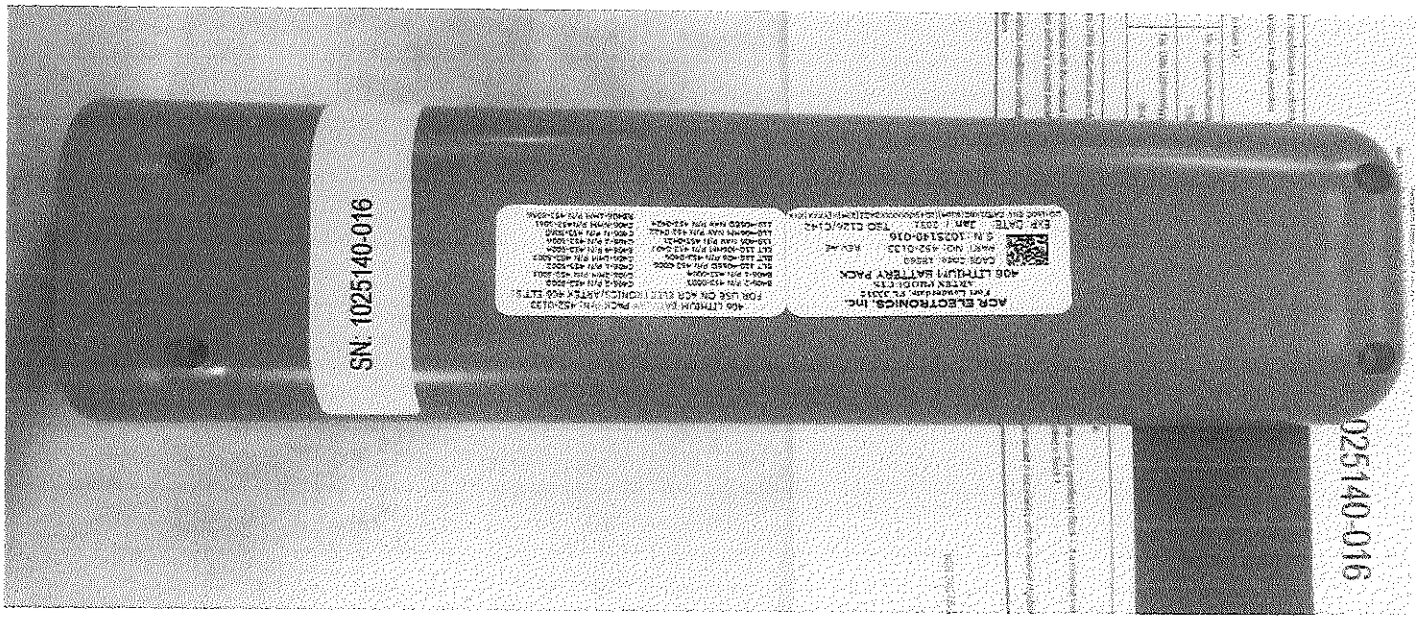
AIRWORTHINESS APPROVAL
Item 1 is a Sub-Component of TSO C126/C142 Article.
DATE OF MANUFACTURE SEP/2025
BATTERY EXPIRATION DATE: JAN/2031
PRE-APPROVED 579511278-2025-0007

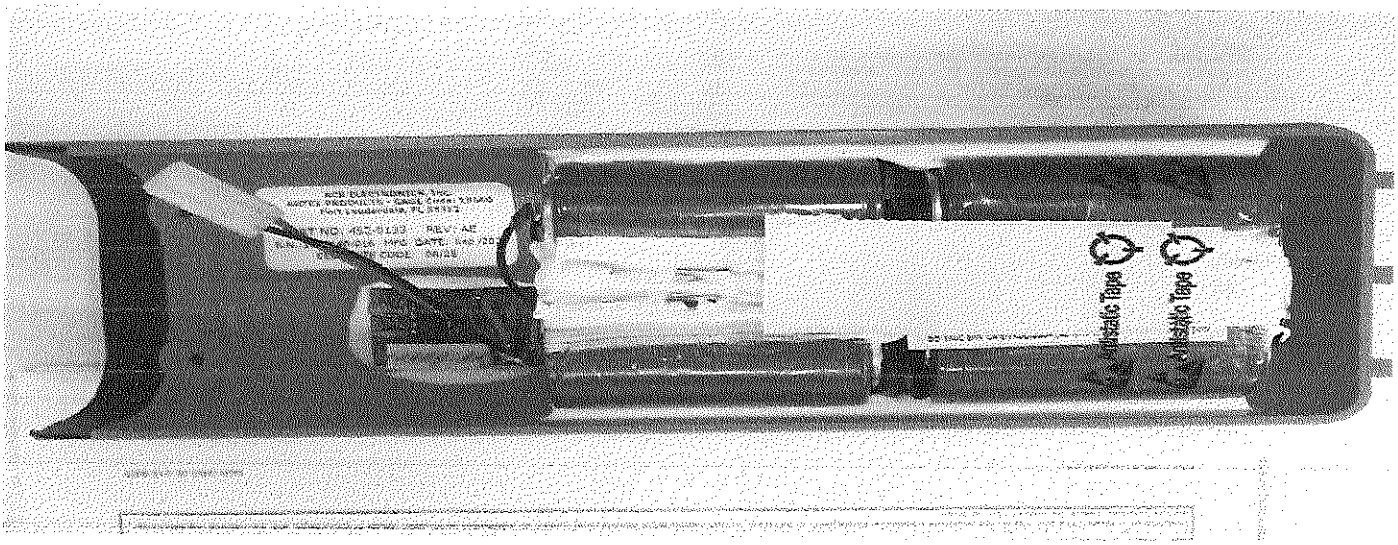
SN: 1025140-016

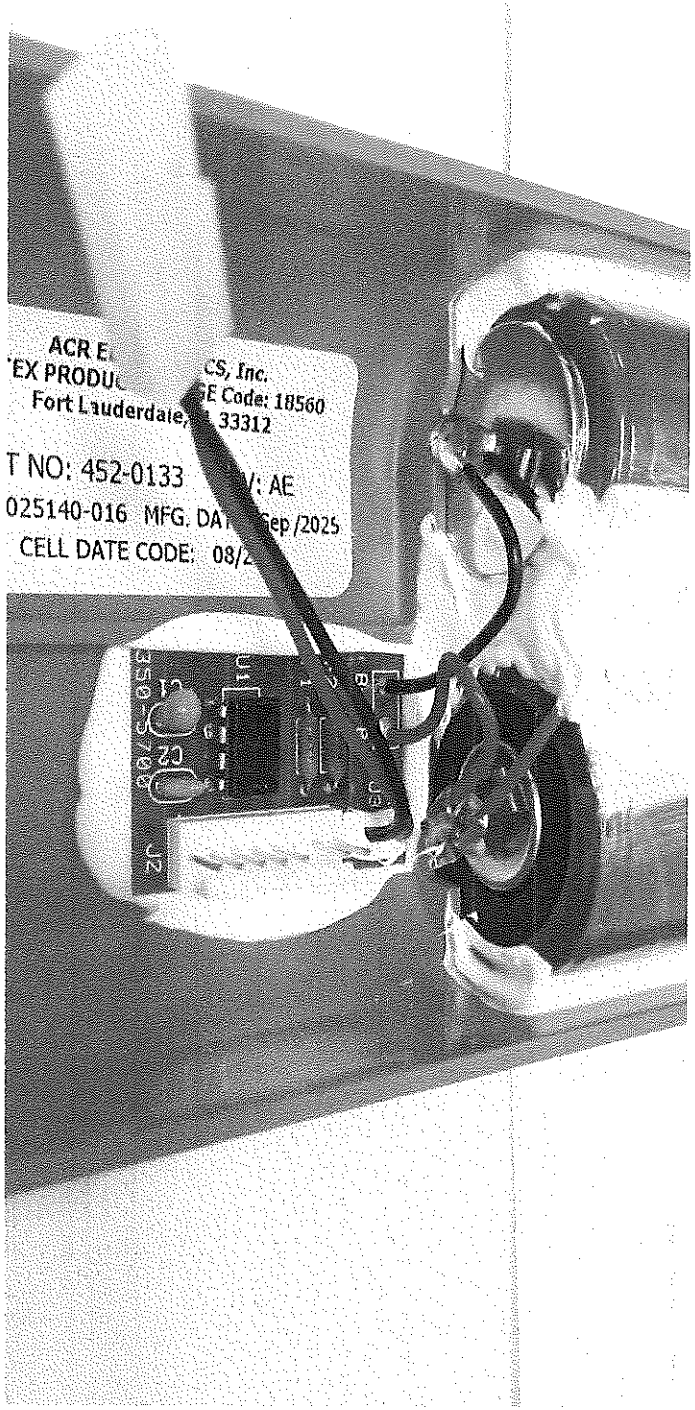
e were manufactured in conformity to
in a condition for safe operation.

cribed in Block 12.

	13c. Approved/Authorizatio 57951
	13e. Date (dd/mmm/yyyy) 09-Oc



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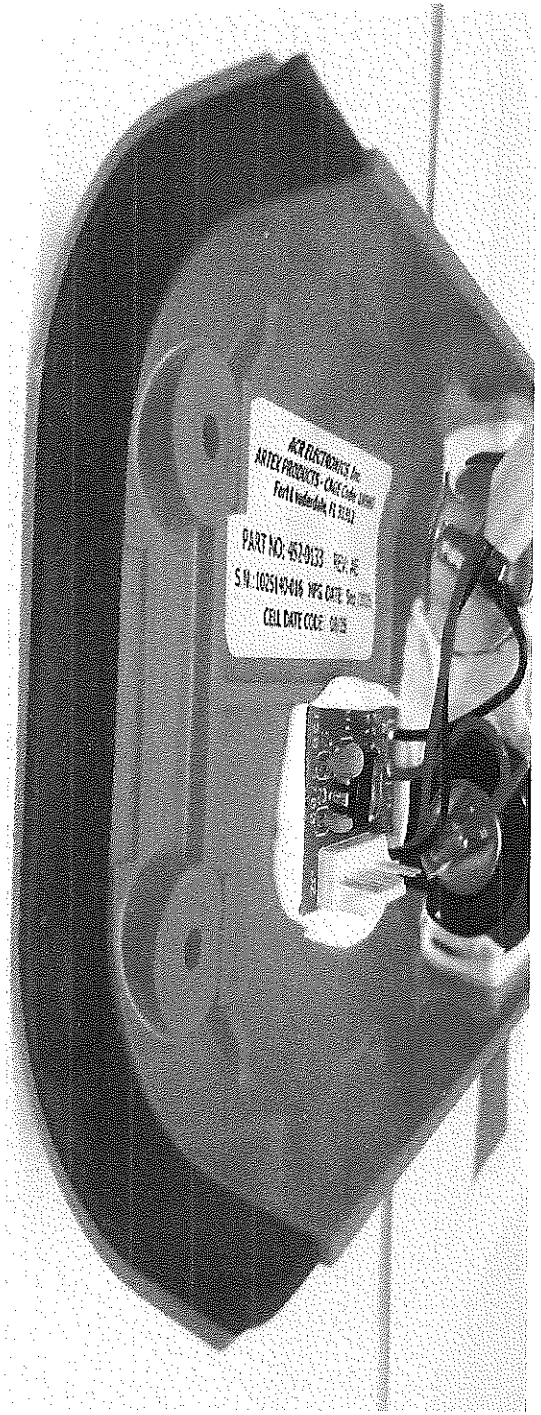
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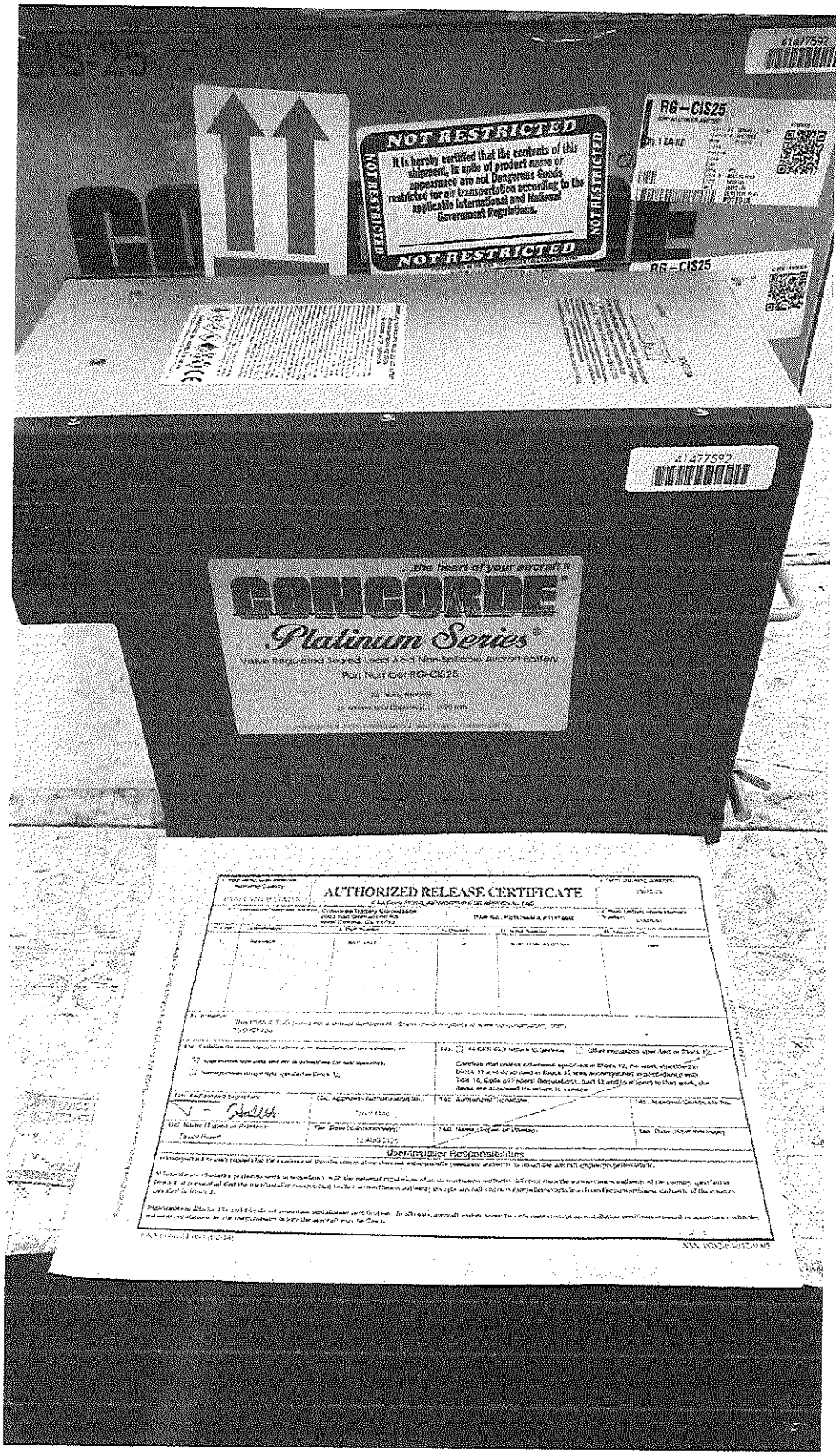
NOT RESTRICTED
It is hereby certified that the contents of this shipment, in spite of product name or appearance are not Dangerous Goods restricted for air transportation according to the applicable International and National Government Regulations.
NOT RESTRICTED
RG-CIS25
41477592
...the heart of your aircraft
CONCORDE
Platinum Series
Valve Regulated Sealed Lead Acid Non-Spillable Aircraft Battery
Part Number RG-CIS25
AUTHORIZED RELEASE CERTIFICATE
User/Installer Responsibilities

NOT RESTRICTED
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CONCORDE
Platinum Series
Valve Regulated Sealed Lead Acid Nonspillable Aircraft Battery

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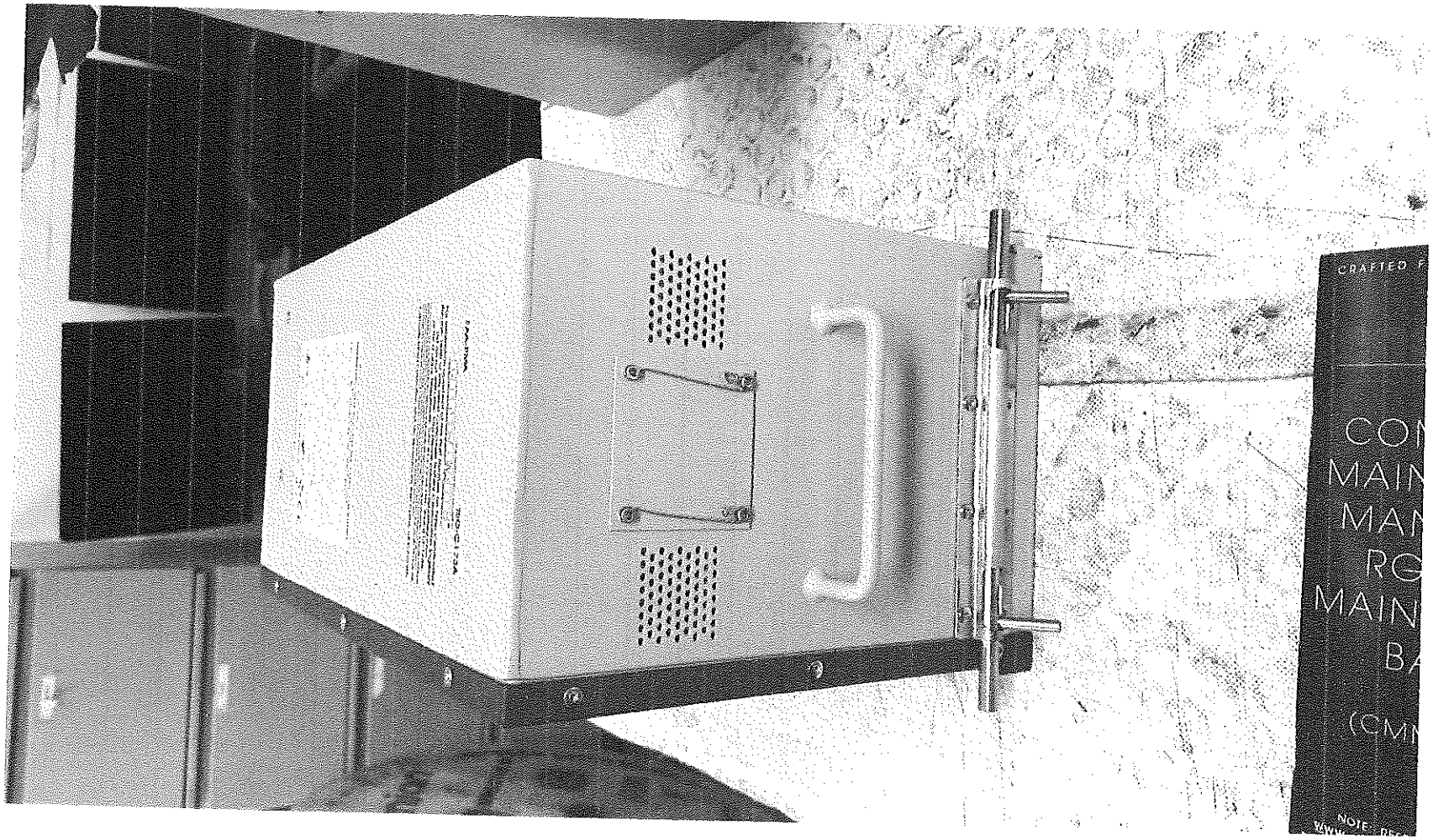
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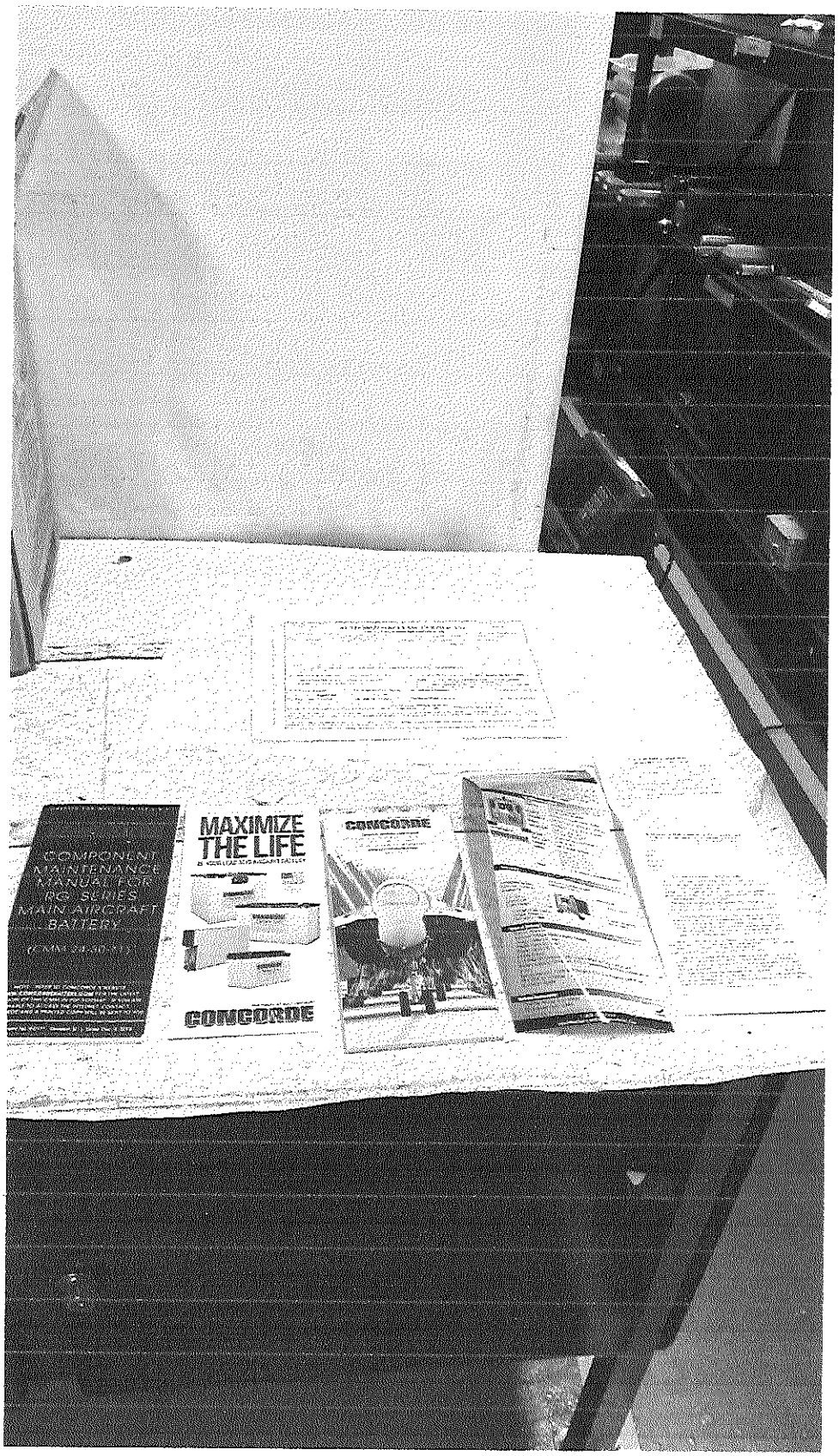
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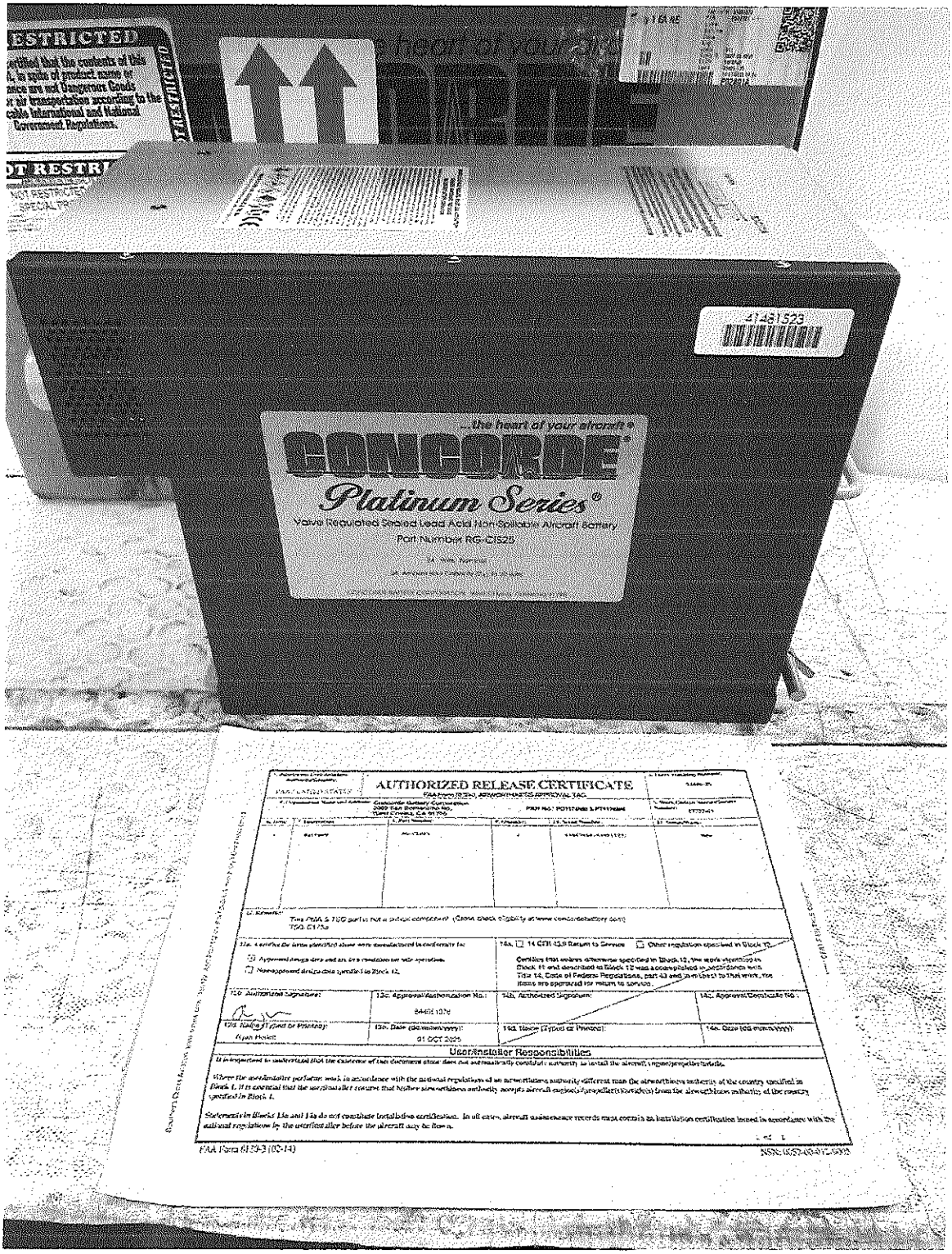
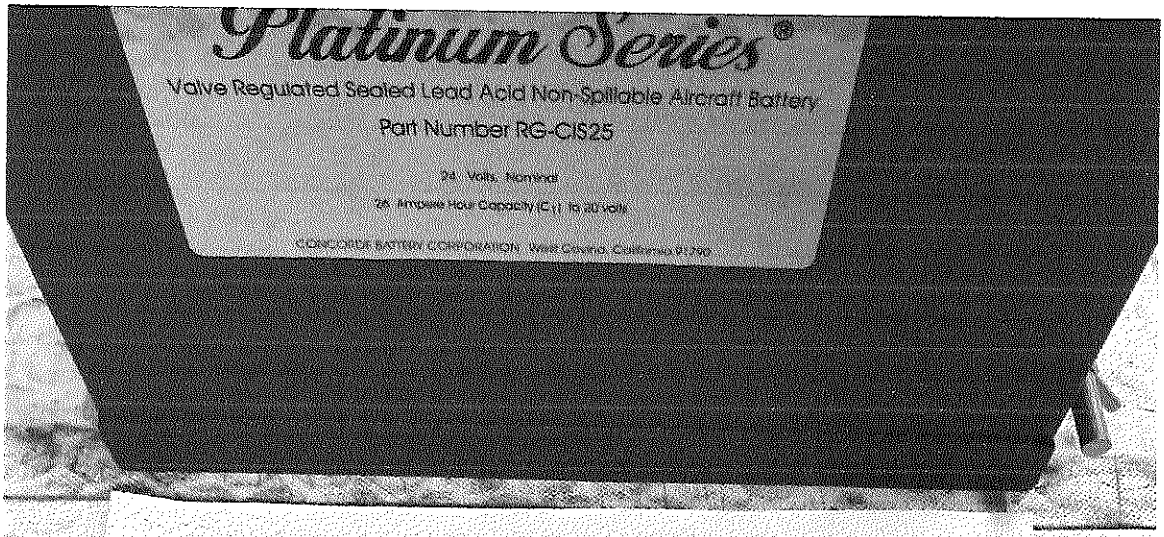

RESTRICTED
NOT RESTRICTED
...the heart of your aircraft
CONCORDE
Platinum Series
Valve Regulated Sealed Lead Acid Non-Spillable Aircraft Battery
Part Number RG-C1S25
41461523
AUTHORIZED RELEASE CERTIFICATE
User/Installer Responsibilities
FAA Form 8130-3 (02-14)



1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number: 55486-25

2. Organization Name and Address: Concorde Battery Corporation, 2009 San Bernardino Rd., West Covina, CA 91790

PAH No.: PQ1178NM & PT1174NM

5. Work Order/Contract/Invoice Number: 67337-01

6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status/Work
1	BATTERY	RG-CIS25	1	[illegible]	New

12. Remarks: This PMA & TSO part is not a critical component. (Cross check eligibility at www.concordebattery.com) TSO-C173a

13a. Certifies the items identified above were manufactured in conformity to:

☒ Approved design data and are in a condition for safe operation.

☐ Non-approved design data specified in Block 12.

14a. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12

Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and, in respect to that work, the items are approved for return to service.

13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.:
	84951376		
13d. Name (Typed or Printed): Ryan Hallett	**13e. Date (dd/mmm/yyyy):** 01 OCT 2025	**14d. Name (Typed or Printed):**	**14e. Date (dd/mmm/yyyy):**

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

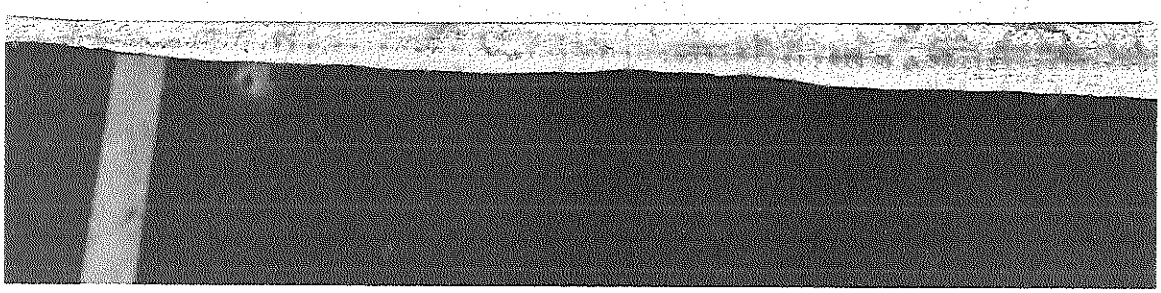
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1 of 1

FAA Form 8130-3 (02-14) NSN: 0052-00-012-5005

Scanning Cross Accounts www.forms.faa.gov/forms/faa8130-3.pdf Rev 1/2014



NOT RESTRICTED
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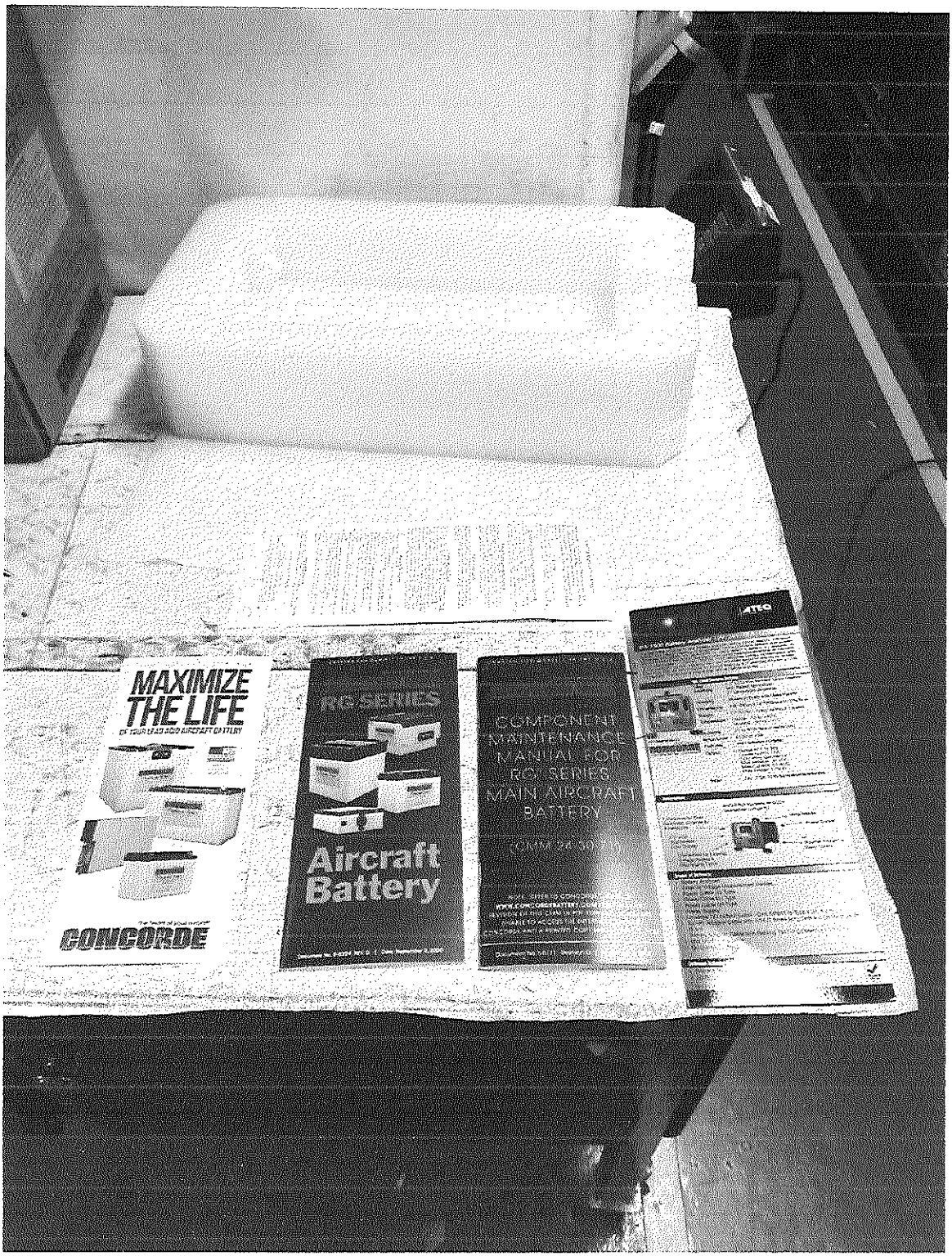
RG-CS25
RG-CS25

FAA-PMA
TSO-C173A
For manufacture approved on this Part Number on Type Certificated Aircraft, refer to the latest Concorde Battery Corporation Eligibility List on our web site: http://www.concordebattery.com
or fax a copy. Telephone: 626-813-1234 Fax: 626-813-1235
NONSPILLABLE VALVE REGULATED SEALED LEAD ACID BATTERY
ADVANCED MAINTENANCE FREE DESIGN
By CONCORDE BATTERY CORPORATION
MANUFACTURED AND ASSEMBLED IN THE USA
Concorde Battery Corporation, 2009 San Bernardino Road, West Covina, CA 91790 (626) 813-1234

NOT RESTRICTED
NOT RESTRICTED
RG-C1825
CONCORDE
Platinum Series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Valve Regulated Sealed Lead Acid Non Spillable Aircraft Battery
Part Number RG-C925
AUTHORIZED RELEASE CERTIFICATE
User/Installer Responsibilities
FAA Form 8130-3 (02-14)

RG-CIS-25
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RG-CIS-29
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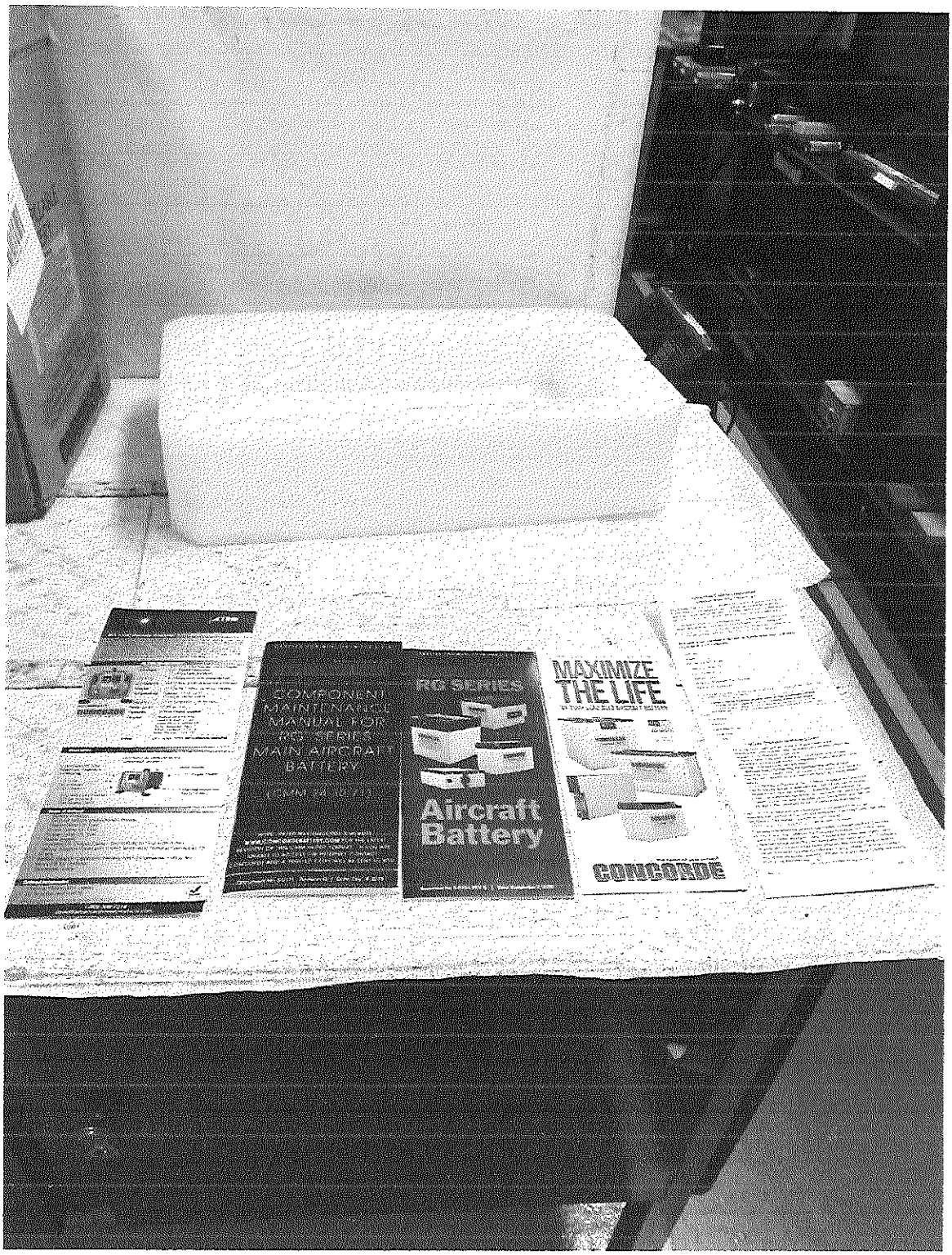
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