



# MRO, STORAGE, TEARDOWN & RECYCLING





# About Vallair



- Vallair is a multi-faceted aviation business that maximises the life and value of aircraft, engines and parts
- We provide integrated support for mature aircraft, engines and major components
- Vallair is a historical founder of AFRA (Aircraft Fleet Recycling Association)
- We offer aircraft operators and owners worldwide cost-effective solutions to extend the life of their assets, or to maximise value at end-of-life in an economically beneficial and environmentally acceptable way
- We have more than 17 years' experience in aircraft disassembly and recycling in partnership with Veolia Environnement





# What we do



- We are recognised as a leading independent provider of teardown services and have an extensive network for sourcing and disposal of assets
- Our teardown facility in Châteauroux, France, employs skilled and certified mechanics to identify, store and manage parts properly for maximum efficiency and asset value realisation
- We continually seek to acquire narrowbody and engine assets for sale, lease and teardown in our own right and in partnership with other investors, lessors and MROs
- In our Chateauroux disassembly facility we offer a unique combination of aerostructure and composite repair capabilities
- MRO & paint services available at our Montpellier facility





# MRO & paint services

- Modern purpose built facility in Montpellier
- Significant investment in refurbishment and upgrade capabilities
- Focused on ATR, A320 and B737 aircraft types including BBJ and ACJ
- Basic line support through to 'D' check type maintenance
- EASA and FAA approved



Value beyond service



- Paint facility for aircraft up to and including the A321 with sharklets accommodated
- Latest standard of air handling systems installed
- In house graphics department



# Aerostructure & Composite Repair Shop

- Fitting and sheet metal work:
  - Parts replacement
  - CMM, SRM & DER repair capability
  - Service bulletins
  - Inspections
  - Dual release certifications
- Composite repair shop:
  - Metallic bond repairs
  - Wet lay-up repairs
- Painting facility:
  - Purpose built paint and grinding booths
  - Full painting services for nacelles and flight controls
  - Clean environment





# Our engine capabilities

- Multi-skilled engine facility
- CFM56 & V2500 services
- Trading, leasing & asset management

Our experienced team is underpinned by a well established supplier network enabling us to support our customers worldwide with reliable and cost effective aircraft engine solutions

- Teardown
- Parts repair management
- Parts sales
- Storage
- Engine bay rental



CFM56 and V2500 engine services at our AFRA accredited facility in Chateauroux





# Facility & parking locations

## Châteauroux

### Activity

- Aircraft MRO
- Engine shop services
- Aerostructure shop services
- Aircraft teardown services
- 50 Single aisle type parking slots available

2h from Paris

3h from Toulouse



## Vatry Airport, Paris

### Activity

- 1.5h from Paris
- 20 single aisle type parking slots available

## Montpellier

### Activity

- Aircraft MRO
- Aerostructure Shop Services
- 20 single aisle type parking slots available



# Our Chateauroux facility

- Aircraft disassembly performed inside a hangar at Déols Airport
- 11,000m<sup>2</sup> hangar space
- 4,000m<sup>2</sup> warehouse and logistics facility
- Remarketing of aircraft parts and components in all conditions
- FAA and EASA approvals
- AFRA and ASA accredited
- Shipping process: ATA300
- IPR / VAT suspension with other comprehensive fiscal warehouse solutions for aircraft and component importation / exportation





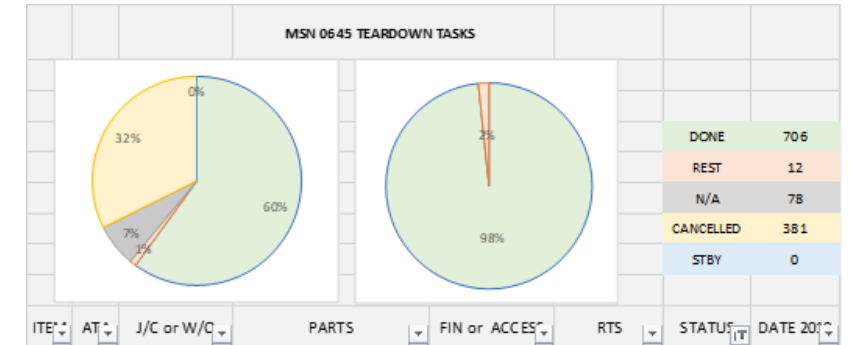


# Disassembly



Value beyond service

- Teardown WP created using integrated ERP software
- Work order generated for each manifest list
- Removal tasks performed by qualified technicians in accordance with the AMM
- All fluids drained, managed and disposed of according to ISO 14001
- Each part is tagged. RTS and RTP forms cleaned and inspected before moving to staging area
- Daily disassembly reporting



FICHE DE TRACABILITE DE L'ELEMENT DEPOSE					RTS
Removal Part Traceability Sheet					N° X 0001
1 - Client / Customer	2 - O.E. N°/W.O. N°	3 - Bon de commande / P/O request	4 - Heures de vol / Flight Hrs	5 - Cycle	
6 - A/C Type / Mode 7 - MSN 8 - Immatriculation / Registration 9 - Position de la pièce / Location 10 - ATA N					
11 - Désignation ENGINE <input type="checkbox"/> EQUIPMENT 12 - AMM Ref 13 - Other Ref (IPC)					
14 - Fabricant / Manufacturer 15 - Numéro de pièce / Part Number 16 - Numéro de série / Serial Num					
17 - Nom du technicien / Engineer's name		18 - Date	19 - Trigramme / Stamp	20 - Signature	
21 - Certified engineer's name		22 - Date	23 - Trigramme / Stamp	24 - Signature	
25 - If not certified, reason and description of rejection			26 - Revalidation de pièces / Parts revalidation		
No Traceability <input type="checkbox"/> Revalid Not Requested <input type="checkbox"/> Defect <input type="checkbox"/>			Serviceable Part <input type="checkbox"/>		
Authorised Release Certificate N°					

R0001	DONE	15/11
R0002	DONE	19/11
R0003	DONE	19/11
R0004	DONE	19/11
R0005	DONE	19/11
R0006	DONE	19/11
R0007	DONE	19/11
R0008	DONE	19/11
R0010	DONE	19/11
R0011	DONE	19/11
R0012	DONE	19/11
R0013	DONE	19/11
R0014	DONE	19/11
R0015	DONE	19/11
R0016	DONE	19/11



# Aircraft recycling



**Veolia**, is an International French company, one of the largest companies in the world specialising in waste management

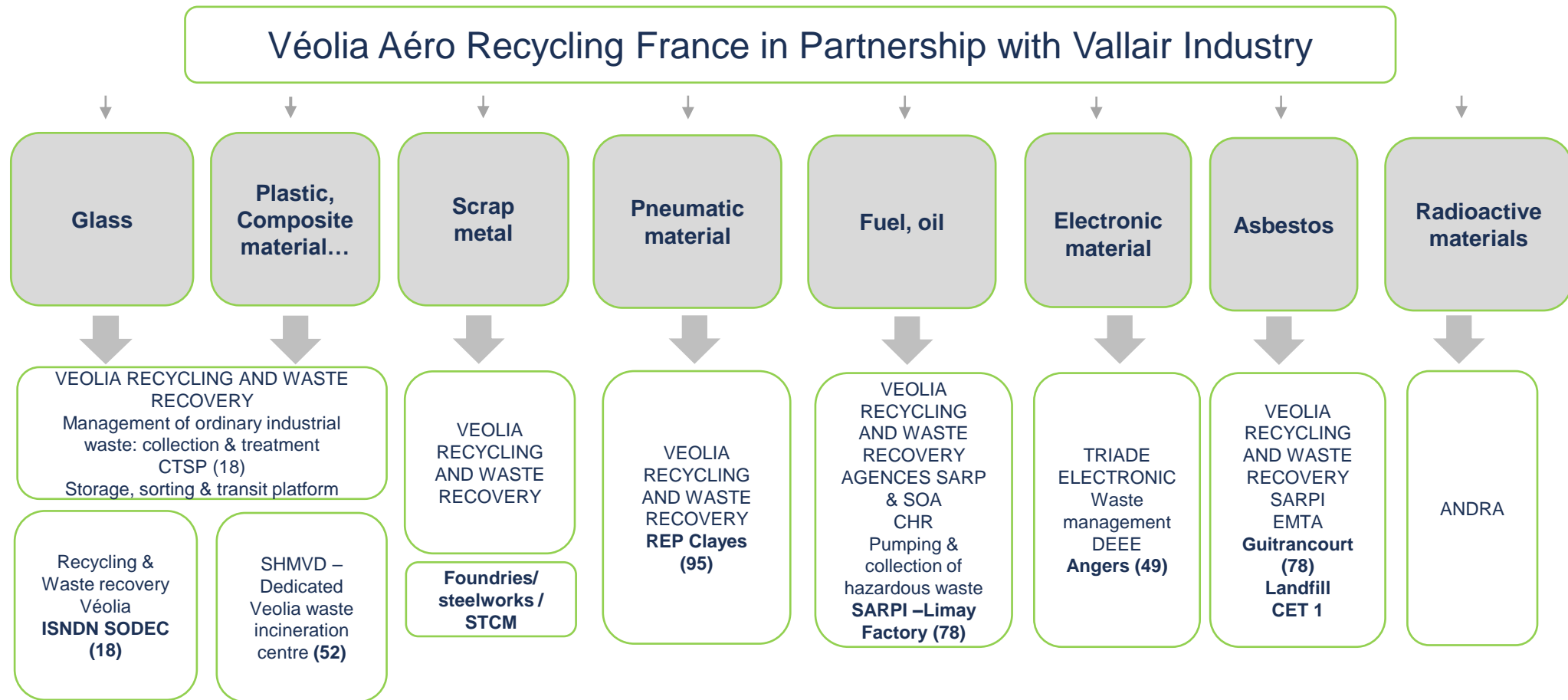
- Materials removed from the aircraft are separated as recyclable or non-recyclable by our partner Veolia who is experienced in the treatment of waste and recovery of different materials
- The airframe is deconstructed whilst guaranteeing safety, environmental protection and cost optimisation, as well as leaving the ground fit for reuse
- Veolia is ISO 14001, 9001 & 45001 certified and the recycling process is conducted in accordance with AFRA requirements

RECYCLING AND RECOVERY > 94%





# Reception, storage, handling, lifting & segregation of waste





# Staging & storage area

- Each part is inspected & technically analysed
- Visual record taken of both the part and its label
- Inventory is updated
- Parts are packed in accordance with manufacturers' specifications
- Parts storage conforms to ASA 100 requirements
- Storage facility has a humidity controlled environment
- Use of integrated software




- Controlled environment – humidity below 40%
- Area is alarmed and under video surveillance

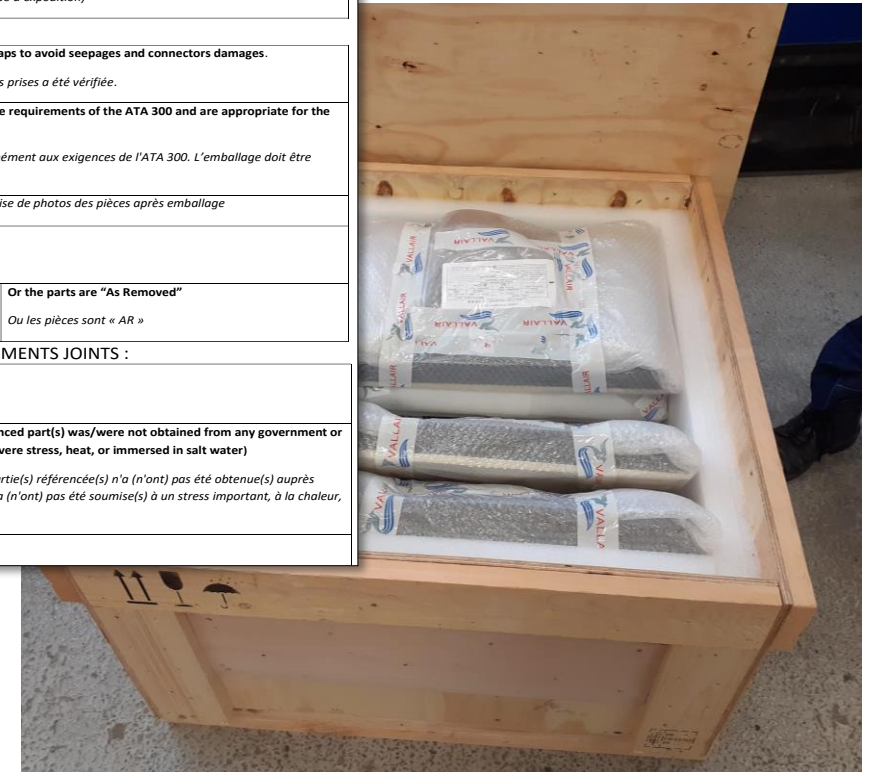


# Logistics



- Parts are shipped in accordance with ATA 300 requirements
- Pre shipment check list utilised
- Items are photographed before shipping
- Twice daily collection and delivery

		<b>PRE SHIPPING INSPECTION FORM</b> <b>Pré-Inspection avant envoi</b>	<b>F-2-5</b> V_04 of 14/01/2020
SHIPPING NOTE N° :		Date :	
<b>Parts have right P/N and S/N in accordance with the order and free of any obvious physical damage.</b> <i>Les Pièces correspondent à la commande et ne présente pas de dommage.</i>			
<b>Parts qty has been checked according to order and tags or certificates.</b> <i>La qté correspond à la commande et à la qté sur les tags ou certificats.</i>			
<b>Photos of parts without Packaging are taken / Prise de photos des pièces sans emballage</b>			
<b>For engine shipment fill the F-2-5 Annex (Engine transportation shipment Stage) / Pour l'envoi de moteur remplir l'Annexe F-2-5 (Transport de moteur étape d'expédition)</b>			
<b>PACKAGING / EMBALLAGE:</b>			
<b>Parts were checked for presence of plugs and caps to avoid seepages and connectors damages.</b> <i>La présence de bouchons et de protections sur les prises a été vérifiée.</i>			
<b>Parts, were verified and packed according to the requirements of the ATA 300 and are appropriate for the items being shipped.</b> <i>Les pièces ont été vérifiées et emballées conformément aux exigences de l'ATA 300. L'emballage doit être approprié aux pièces</i>			
<b>Photos of parts after Packaging were taken / Prise de photos des pièces après emballage</b>			
<b>Tag of removal and ...</b> <i>Le tag de dépose et ...</i>			
<b>FORM 1 are packed with the parts</b> <i>FORM 1 sont emballés avec la pièce</i>		<b>Or the parts are "As Removed"</b> <i>Ou les pièces sont « AR »</i>	
<b>DOCUMENTS ENCLOSED/ DOCUMENTS JOINTS :</b>			
<b>Packing slip</b> <i>Bordereau de livraison</i>			
<b>No Accident Statement ATA 106 (The referenced part(s) was/were not obtained from any government or military source and was/were not subject to severe stress, heat, or immersed in salt water)</b> <i>Déclaration de non-accident ATA 106 (La (les) partie(s) référencée(s) n'a (n'ont) pas été obtenue(s) auprès d'une source gouvernementale ou militaire et n'a (n'ont) pas été soumise(s) à un stress important, à la chaleur, ou immergée(s) dans l'eau salée)</i>			
<b>Exhibit Bill of sale</b>			





# Thank you



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