



法商 Guinault 公司



台灣地區授權經銷商
漢翔公司

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SAINT-CYR en VAL, near ORLEANS, FRANCE



Founded in **1949** by Maurice Guinault



Specialist in **GPU, ASU & ACU = APU OFF!**
for civil and military aviation



200 employees



GUINAULT 公司簡介

Company Overview

Guinault 成立於1949 年，迄今超過70年，員工200餘人。主要產品為電源車 (GPU)、氣源車 (ASU)、空調車 (ACU) 等，適用於軍用航空與民用航空之飛機使用。

- ✓ 1949 : Set up of GUINAULT by Maurice GUINAULT – 1st 400Hz & 28Vdc GPUs
- ✓ 1968 : First Air Starter – **GS type**
- ✓ 1990 : First Solid State 28Vdc Frequency Converter – **SC type**
- ✓ 2003 : Most compact 400 Hz GPU worldwide – **GB type**
- ✓ 2006 : 1714/2182 400Hz alternator & lowest TCO GPU – **GA type**
- ✓ 2011: Beginning of the partnership with **LEBRUN** (co-design & manufacturing of a new range of ACU's - **GF type**)
- ✓ 2012 : Solid-state Converter for Airport – **SA type**
- ✓ 2013 : First GB3/5 400Hz helicopter GPU (Hybrid – Diesel & Battery)
- ✓ 2016: IOT: 100% Digital remote control by GUINAULT - **MyGuinault**
- ✓ 2016: Design & manufacturing of a **COMBO UNIT** – 400Hz GPU + ACU
- ✓ 2018: End of **LEBRUN**'s partnership, Guinault offers a new range of ACU's based on a 100% Guinault design
- ✓ 2020: New battery powered GPU - **EGA type**



產品簡介

Product introduction



APU OFF

THE ALTERNATIVE TO APU ON THE GROUND

www.guinault.com / info@guinault.com

Guinault 歷史的發展歷程

IOT 數位遙控控制

電源車 (GPU)

柴油動力

氣源車 (ASU)

渦輪動力

空調車 (ACU)

COMBO
(GPU + ACU)

電動空調車
(E-ACU)



GF15 COMBO – 100% GUINAULT

SPECIFIC KNOW HOW



MECHANIC

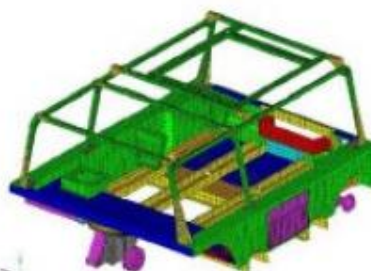
Static and dynamic mechanical calculation through 3D finite elements

⇒ Air transportability calculation, underslung, design



AIR TRANSPORTABILITY

Calculation using finite elements



AIR UNDERSLUG



應用範疇

Application



Guinault GSE 在全球應用於軍事用途之使用現況