



DART

DRONE AUTOMATION & ROBOTICS TECHNOLOGIES

&

STARTUP
MONTEREY BAY
CONNECT



2024 OUTLOOK FROM REGIONAL INDUSTRIES • TUESDAY, JANUARY 9 @6PM | ONLINE



AG & AG-TECH



HEALTH



HOSPITALITY



ENERGY



ELECTRICAL AERIAL RIDESHARING

SPONSORED BY  The **James Irvine** Foundation




Dan Coughlin
Special Projects Officer,
Joby Aviation



&







Meet Joby

A California-based, **vertically integrated** transportation company **developing, testing, manufacturing** and **operating** a piloted, 4-passenger, zero-emission, quiet revolutionary aircraft.

Plan to launch our **app-based aerial ridesharing service** directly to end-users following the receipt of FAA type certification.



Designed for daily life



1 pilot
4 passengers



Vertical takeoff
and landing



Zero operating
emissions



150 miles
max range



200 mph
top speed



10+ years in
development



Charging similar to
level 3 automotive



Max weight: 4800lbs
Max width: 45ft



Joby Facilities

San Carlos

- Powertrain
- Battery packs

Santa Cruz

- Prototyping/R&D
- Primary headquarters

Marina

- Aircraft Production



Joby S4: Entry into Service



2015

Subscale
700+ flights

SUBSCALE PROTOTYPING



2017

Gen 1.0
200+ flights

FULL SIZE PROTOTYPING



2019

Gen 2.0
Full size – passenger
capable

ACTIVE FLIGHT TESTING



2022

Gen 2.1 Production
FAA Flight Testing

CERT TESTING



2025

FAA Type Certification
FAA Part 135 Operations

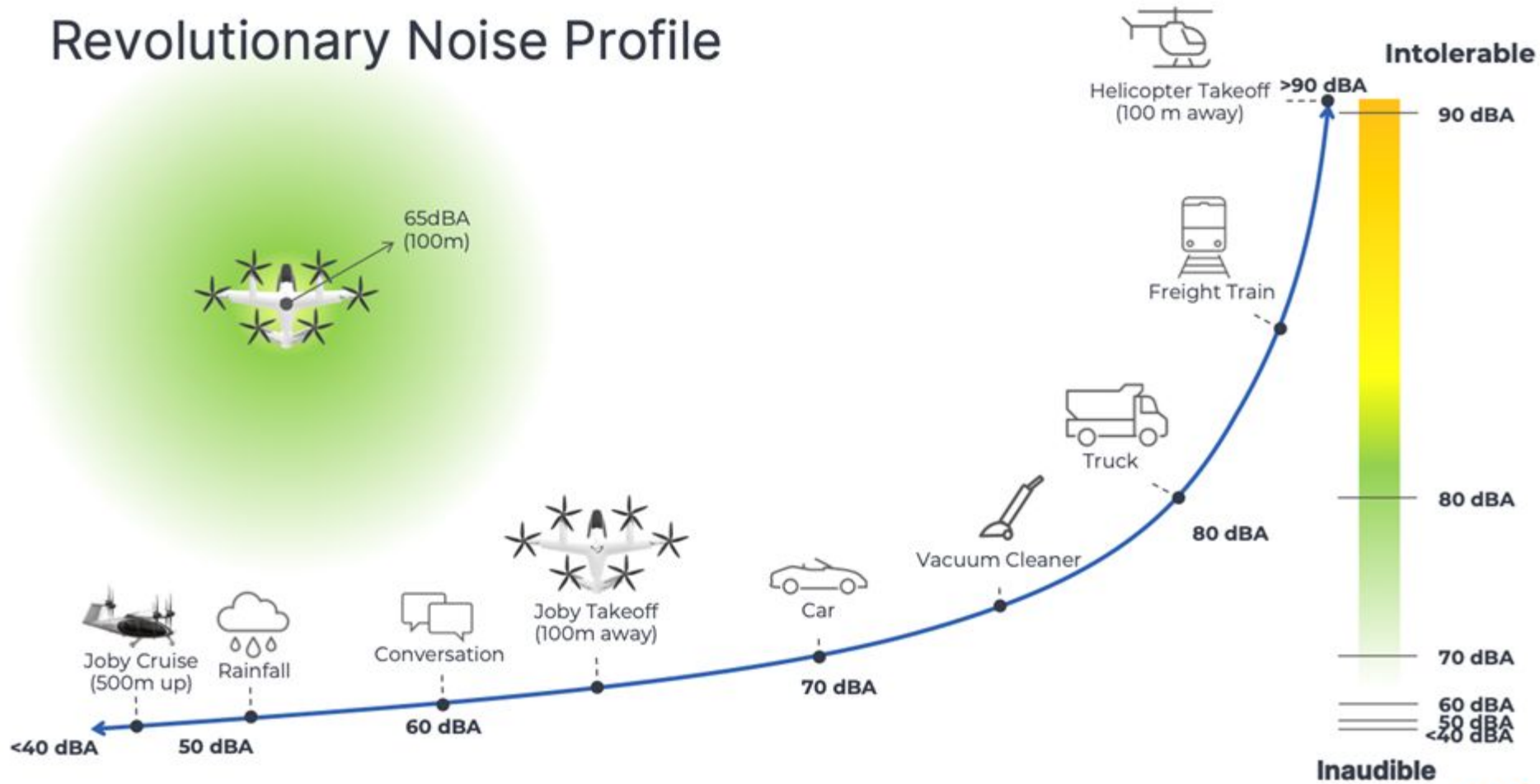
COMMERCIAL OPERATIONS



FAA Type Certification



Revolutionary Noise Profile



Joby Aviation

Marina Production Line



Marina Municipal Airport Joby Buildings

Joby Building
S27
Composite Part
Fabrication
743 Nevada Rd.

Joby Building S24
Flight Test, Systems Test
Software
743 Nevada Rd.

Joby Building S10
Aircraft Post-production
4240 Inpa Rd.

Building S07
CNC &
Additive
Manufacturing
4200 Inpa Rd
Suite B

Mega-Tent
Assembly and
Integration
4200 Inpa Parkway
Suite C

Site of Joby Expansion

North

Banco Rd

Reservation Rd

Injin Parkway

Since 2018, Joby has been refurbishing these Fort Ord facilities and constructed a 55 kft 'MegaTent' for production

Three major power upgrades

300+ employees

Economically Depressed Region (Priority Population)

California Expansion



225,000 Sq Ft
Manufacturing Facility

25-50
Aircraft Built per Year

600
Direct, Full-Time Jobs

600+
Indirect Jobs

\$40M
Capital Expenditure



Catchy Title

- Aircraft Production at the Marina Municipal Airport
 - Early stages of Production
 - Currently manufacturing ~2 aircraft/year
- Facilities support production of ~15 aircraft per year



- Joby seeks to expand to 25-50 aircraft per year
- Numerous CA-related factors restricting our growth – including the availability and cost of electricity
- Considering out-of-state locations for production scaling

Proposed Building ~225,000 sqft

