

第4回サブオービタル飛行に関する官民協議会

～ 2022年12月7日 ～



NagaTomo

東京理科大学発スタートアップ
SPACE WALKER
サブオービタルスペースプレーン
の開発状況

©Google



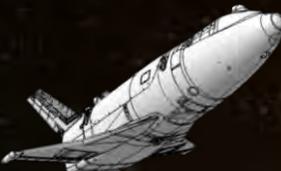
Company Name	SPACE WALKER Inc. (https://space-walker.co.jp/corporate-profile)
Establishment	<ul style="list-style-type: none"> ■ December, 25th, 2017
Business Locations	<ul style="list-style-type: none"> ■ Head Quarter Shimbashi 3-16-12 3Flr, Minato, 105-0004 Tokyo, Japan ■ Space Transportation Department <ul style="list-style-type: none"> • Design Office : TOKYO UNIVERSITY of SCIENCE Noda Campus, Building No.3, 2nd Flr (Yamazaki 2641, Noda, 278-8510 Chiba, Japan) ■ Composite Materials Technology Department <ul style="list-style-type: none"> • Design Office : KURE INDUSTRIAL PROMOTION CENTER KURE SUPPORT CORE (Agaminami 2-10-1, Kure, 737-0004 Hiroshima, Japan) • Manufacturing Plant : NIHON TAISHOKU Co., Ltd (Tashiromen 198, Tabira, Hirado, 859-4812 Nagasaki, Japan)
Capital	<ul style="list-style-type: none"> ■ 1,116 Million ¥ (including CE Stock Acquisition Rights and CB as of June 30th, 2022)
Activities	<ul style="list-style-type: none"> ■ Design, Manufacturing and Operation of Reusable Suborbital Spaceplanes ■ Manufacturing and Sales of Space Development Related Components

1. 我国初の有人・無人のサブオービタルスペースプレーンの実現

- ✓ 無重量環境実験ミッション(FuJin)および小型衛星投入ミッション(RaiJin)の共用機化, および同一形状の宇宙旅行機(NagaTomo)

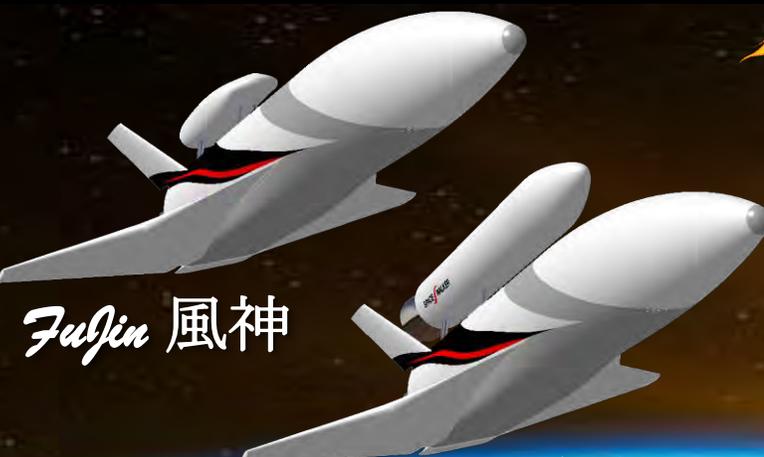
2040s~

2025



Winged Experimental Rocket
WIRES#015

2027



FuJin 風神
RaiJin 雷神

Dual Mission

2029



NagaTomo 長友

Space Tourism



TSTO (Two-Stage-To-Orbit) Spaceplane

Space Tourism
Cargo Transportation

μ Gravity Science / Small Satellite Launch

Suborbital Spaceplane