# Summary

In the post-Covid19 aviation environment will present significant challenges as companies look to the restoration and execution of their business mission. Included in this evaluation will be considerations of transporting personnel and goods in a safe, secure, predictable manner. Witnessing the upheaval in the commercial airline environment, a key alternative will be the expansion of business aviation utilization. By exercising greater control of the means transportation, key staff and employees can reduce their exposure to the unpredictability of crowded airports, additional screenings, reduced flight availability and concerns about the health of fellow passengers. A solution presents itself through the redeployment of under-utilized legacy aircraft

# I. Introduction

The 4th quarter of 2019 presented an unprecedented economic climate and the prospect of continued growth and expansion. Commercial airlines became concerned with pilot shortages and the uncertainty of the Boeing 737MAX availability.

2020 reveals a very different environment. Two keys, however, can point to solutions available in the business aviation market:

1. Availability of legacy aircraft sidelined due to lower hull value and the attraction of new aircraft
2. Low fuel costs allowing for reconsidering the operation of aircraft whose direct operating costs (DOC) can be re-rationalized

# II. Legacy Aircraft Availability

Looking at aircraft registrations and sales, aircraft typifying the legacy fleet are:

1. Cessna Citation
2. Hawker
3. Falcon
4. Learjet

# III. Minimum Revitalization Update

The key mandate, ADS-B Out,

RVSM

# IV. Fuel Cost Projection

Russia – Saudi kerfuffle

Airline slack demand creates surplus

DOC comparison -

# VIII Pilot availability

# IX Shop Capacity & Technicians