are

people traveling in flight.

student, tourist, traveler and all the

Customers

businessmen.

6. CUSTOMER CONSTRAINTS



Customers require accurate and early predictions of the flight engine failure. And they also look for an alternate solution.

5. AVAILABLE SOLUTIONS



xplore

differentiate

The reliability analysis of aircraft engines is essential for ensuring the functioning smooth of each component of an aircraft engine.

2. JOBS-TO-BE-DONE / PROBLEMS J&P

Engine failure occurs when a turbine

engine unexpectedly stops producing

lot of customer dissatisfaction.

power due to malfunction. This lead to a



9. PROBLEM ROOT CAUSE

failure

The root cause of the problem is

unpredictable

cause

arrival.

that

and



7. BEHAVIOUR



alerts.

The purpose of this research is to develop methods that can be used to generate reliable and timely

3. TRIGGERS



To accurately predict the failure of an engine and track the flight.



The aircraft engine failure occurs, passengers often get annoyed and frustrated. They also might lose to reach on time to some important occasions.

10. YOUR SOLUTION

unforeseen

cancellations

departure delays.

engine



Preventable fuel problems such as exhaustion. Structural failures where a broken connecting rod, crank, valve, or camshaft is present account for seventeen percent of engine failures occurs.

8. CHANNELS OF BEHAVIOR



Check the engine regularly and maintained properly. And also check the fuel and oil levels regularly in the aircraft engine.

strong