

Use Case Number:	001	Written By:	Ryan Bomalaski
Sprint Number:	001	Application:	main.py
Tracker ID:	UC-001		
Module:	N/A		
Use Case – No Aircraft Nearby			
The pilot and airplane are flying. While performing routine listening and broadcasting, the airplane sees that there are no neighbors nearby to interact with. In seeing that there is no one nearby, the collision avoidance algorithm, when checking nearby neighbors, should not recommend any change in direction or course.			
Actors			
Pilot	Flies the aircraft, uses collision avoidance to get corrective information		
Aircraft	Interfacing with different components needed for flight		
Listen Component	Component of the aircraft that brings information from nearby neighbors		
Collision Avoidance Component	Component of the aircraft that sends out information about the aircraft		
Broadcast Component	Uses information from listen component to recommend a change of course if necessary		
Priority			
High. If the collision avoidance recommends flight changes when unnecessary, it isn't functioning correctly.			
Pre-Conditions			
The airplane is currently flying, able to listen and broadcast, and there are no neighbors nearby.			
Related Use Cases			
A list of use cases that were used in this one or that are related.			