

AIRCRAFT TURNS FOR INTERVAL MANAGEMENT

ABSTRACT

A method and apparatus of turning an aircraft for interval management. Interval management information identifying a desired spacing between the aircraft and a target aircraft is received. Turn information is determined using a performance gain factor. The turn information identifies a turn point for the aircraft. The performance gain factor identifies a desired portion of achieving the desired spacing due to turning the aircraft at the turn point and a desired portion of achieving the desired spacing due to changing speed of the aircraft. The turn information is used to turn the aircraft at the turn point.

Fig. 4