Determine if $b$ is in the span of the columns of the matrix $A$, where

$$A = \begin{bmatrix} 1 & -4 & 2 \\ 0 & 3 & 5 \\ -3 & 12 & -6 \end{bmatrix}, b = \begin{bmatrix} 3 \\ -7 \\ -3 \end{bmatrix}.$$