

Lockheed Martin has secured a satellite launch contract from a European communications company that will pay them $\notin 5M$ per year for the next 8 years. To land that contract, they invested $\notin 13M$ in a satellite tracking system. Of that amount, $\notin 8M$ was paid up front and the remaining $\notin 5M$ was paid during the first year of operation. The annual operating costs for the satellite tracking system are estimated at $\notin 0.9M$ per year (which includes the cost of personnel, electricity, maintenance, etc.). At the end of the contract, it is estimated that the equipment will have a salvage value of $\notin 0.5M$. How long will it take Lockheed-Martin to pay back their initial $\notin 13M$ investment with no return?