

Table 2. Criteria for selection of infrared sensor for reconnaissance mission.¹

<u>IRLS Selection Criteria</u>	<u>FLIR Selection Criteria</u>
<ul style="list-style-type: none">• hard copy imagery required	<ul style="list-style-type: none">• real time imagery required
<ul style="list-style-type: none">• image mensuration and analysis required	<ul style="list-style-type: none">• image mensuration and analysis not required
<ul style="list-style-type: none">• wide field-of-view across track, continuously-mapped imagery desired	<ul style="list-style-type: none">• narrow field-of-view providing details of selected areas desired
<ul style="list-style-type: none">• operator has little or no control over pointing of the sensor	<ul style="list-style-type: none">• operator has full control over pointing of the sensor
<ul style="list-style-type: none">• sensor operation may impose velocity/height restrictions on aircraft	<ul style="list-style-type: none">• sensor operation will not impose velocity/height restrictions on aircraft

¹ Noel, William T. 1976. "Utilization of IR Imagery in Tactical Reconnaissance." IN: Shea, E. (editor) Aerial Reconnaissance Systems - Pods/Aircraft. SPIE Vol. 79. pp. 99-100.